## Approved For Release 2002 0812 DEIN 178T05161A001600050001-7

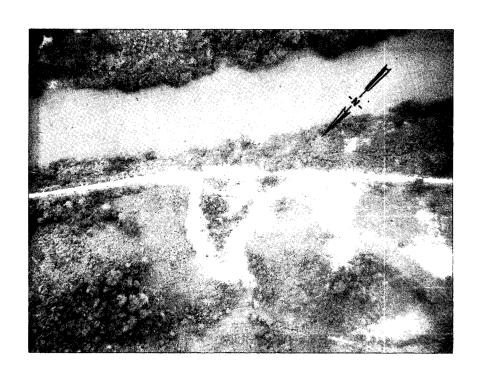
		RY ANALYSIS DIVISION		
over str	Rao Hwy. Bridge SE No. 1 eam o. 28 on NE 48-2	COUNTRY  North Vietnam	COORDINATES  19 17N - 104 26E  VG 402320	 25X1
MAP	AMS L509 NE 48-2		BRIEF NO: PIB 75001 July 1966	 25X1
LOCATION:	0.5 nm S of Cua Rao on Ro	ute 7.		
LENGTH WIDTH Type	Deck	MATERIAL Concrete NO. OF SPANS 3 probe	able	25X1 25X1

### STATUS:

3 spans dropped; 2 piers destroyed; approaches cratered.

### COMPENSATIVE ACTION:

Dirt fill by-pass.



## 

	CIA IA	MAGERY ANALYSIS DIVISION		<del></del>
NAME		COUNTRY	COORDINATES	
Phuong Hoang Hwy. Bridge No. 66 on 1		North Vietnam	18 13N - 106 04E XF 136146	
			BRIEF NO: PIB 75002	 25X
MAP AMS L50	9 NE 48-7		<b>T</b> July 1966	
LOCATION: 0.5 nm	N of Phuong Ho	ang on Route 1A.		

### DESCRIPTION:

LENGTH 100' approx.
WIDTH 15' approx.
Deck

MATERIAL Wood

NO. OF SPANS 4 probable

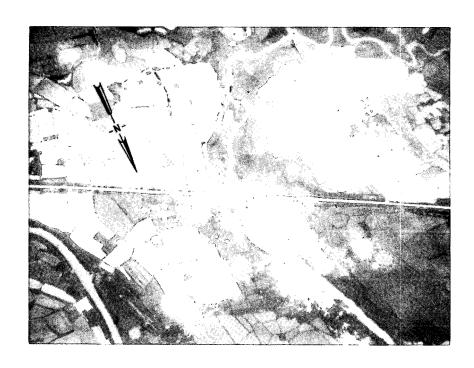
LENGTH OF EACH SPAN 25' approx.

#### STATUS:

2 spans heavily damaged; 2 spans moderately damaged; abutments and approaches cratered.

### COMPENSATIVE ACTION:

None apparent.



## Approved For Release 2002/01/10 EMTRAP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
NAME Quang Te RR. Bridge over Khe Hac Giang Bridge No. 30 on NE 48-7	COUNTRY  North Vietnam	COORDINATES  18 27N - 105 34E  WF 609405	 25X1 
MAP AMS L509 NE 48-7		BRIEF NO: PIB 75003 July 1966	25X1 

LOCATION: 1 nm S of Du Dong on Vinh-Dong Hoi Rail Line.

### DESCRIPTION:

WIDTH 70' approx.
Single track

Deck

MATERIAL Steel and wood

NO. OF SPANS

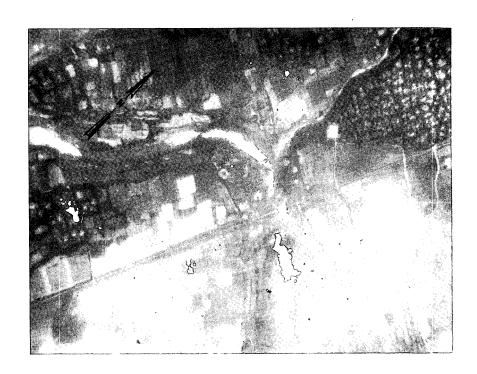
LENGTH OF EACH SPAN 70' approx.

### STATUS:

Bridge repaired; serviceable.

### COMPENSATIVE ACTION:

None



### Approved For Release 20 (20) | P78T05161A001600050001-7

CIA IM	AGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES	
Than Dau Hwy. Bridge No. 2		18 00N - 106 28E	
Bridge No. 96 on NE 48-7	North Vietnam	XE 908548	
		BRIEF NO:	
		PIB 75005	25X1
MAP AMS L509 NE 48-7		July 1966	_

LOCATION: 1 nm SE of Than Dau on Route 1A.

#### DESCRIPTION:

WIDTH

40' approx.

material Wood and concrete no. of spans 1 LENGTH OF EACH SPAN 401 approx.

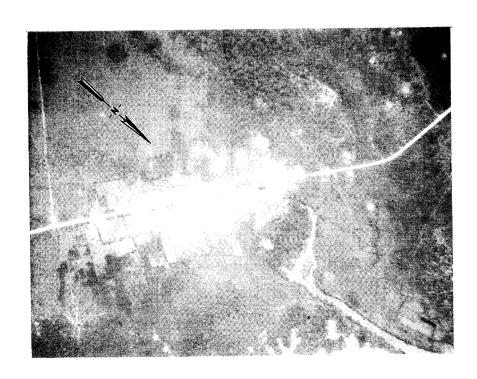
25X1

### STATUS:

Span partially damaged.

### COMPENSATIVE ACTION:

Ford



### Approved For Release 200**2/09kip | DEN-REA**78T05161A001600050001-7

CIA IMAG	ERY ANALYSIS DIVISION		<del></del>
NAME Qui My RR. Bridge over stream	COUNTRY	COORDINATES	
Bridge No. 44 on NE 48-3	North Vietnam	19 25N - 105 45E WG 786480	25X1
		BRIEF NO: PIB 75007	<del></del> 25X1
MAP AMS L509 NE 48-3		Jul <u>y</u> 1966	
LOCATION: 0.6 nm NW of Sa Thon on	Vinh-Thanh Hoa Rail Lin	e.	

### DESCRIPTION:

LENGTH WIDTH

TYPE

70' approx. Single track

Through truss

MATERIAL Steel, concrete abutments NO. OF SPANS | probable LENGTH OF EACH SPAN 701

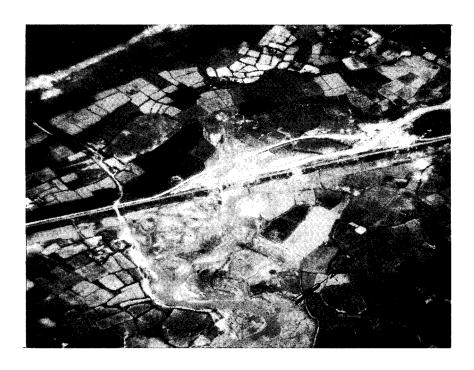
70' approx.

### STATUS:

Span dropped; one abutment damaged.

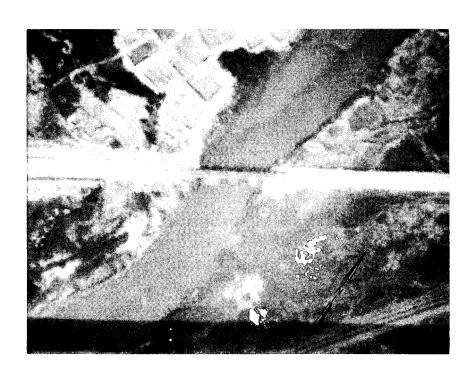
#### COMPENSATIVE ACTION:

5 span timber trestle bridge replacement with spans measuring: 2 @ 20', 1 @ 15', 1 @ 10', 1 @ 5'



## Approved For Release 2002/09/12/DEN-PLAT78T05161A001600050001-7

NAME	COUNTRY	COORDINATES
Qui My RR. Bridge By-pass No. 1 Bridge No. 44 on NE 48-3	North Vietnam	19 25N - 105 44E XG 784485
MAP AMS L509 NE 48-3		BRIEF NO: PIB 75008 July 1966
LOCATION: 0.8 nm NW of Sa Thon on	Vinh-Thanh Hoa Rail Li	
DESCRIPTION:		
DESCRIPTION:  LENGTH 60' approx.  WIDTH TYPE  Deck	material Timber no. of spans 6 app LENGTH OF EACH SPAN	rox.
LENGTH 60' approx.	no. of spans 6 app	rox.
LENGTH 60' approx. WIDTH TYPE Deck STATUS:	no. of spans 6 app	rox.



### Approved For Release 200@0\F4DEMTRAP78T05161A001600050001-7

CIA IM	AGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES	
Dong Bai Hwy. Bridge Bridge No. 41 on NE 48-11	North Vietnam	17 38N - 106 17E XE 364506	
		BRIEF NO:	
		PIB 75011	25X1
MAP AMS L509 NE 48-11		July 1966	

LOCATION: 0.8 nm E of Dong Bai on Route 101.

### DESCRIPTION:

LENGTH 40' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Timber

NO. OF SPANS Undetermined

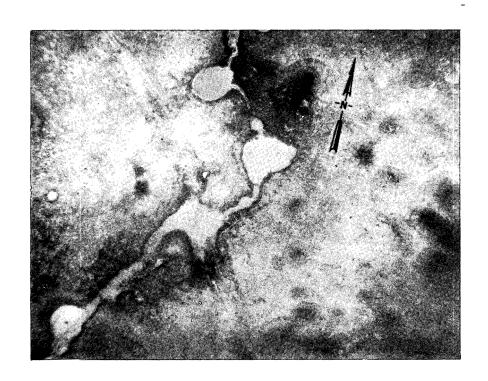
LENGTH OF EACH SPAN Undetermined

### STATUS:

Bridge destroyed.

### COMPENSATIVE ACTION:

By-pass bridge.



## Approved For Release 2002/08/120 CNA RAP 78T05161A001600050001-7

CIA I	MAGERY ANALYSIS DIVISION	•	
N AME	COUNTRY	COORDINATES	<del></del>
Loc Yen Hwy. Bridge U/C		18 10N - 105 43E	
Loc Yen Hwy. Bridge U/C Bridge No. 28 on NE 48-7	North Vietnam	WF 759090	
Dilage we to		BRIEF NO:	 
		PIB 75012	25X1
MAP AMS L509 NE 48-7		July 1966	

LOCATION: 0.2 nm S of Loc Yen on Route 15.

#### DESCRIPTION:

LENGTH 125' approx. WIDTH TYPE

Undetermined Undetermined

Concrete

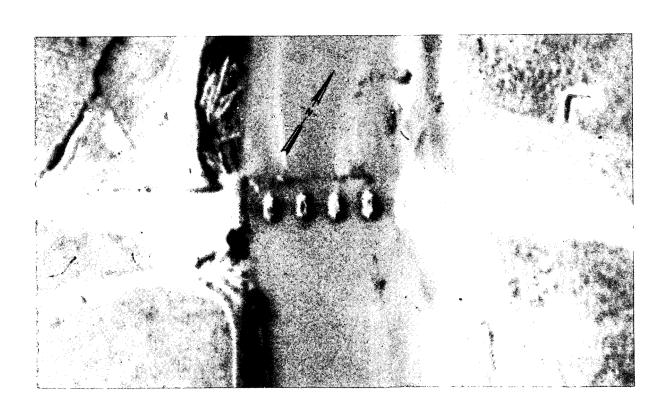
NO. OF SPANS 5 LENGTH OF EACH SPAN 25' approx.

### STATUS:

Bridge under construction - piers in place (Pre-strike).

### COMPENSATIVE ACTION:

None



### Approved For Release 2002008 F2D ENTRAP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		<del></del>
NAME Bai Duc Thon RR. Bridge over Khe Ba Giang Bridge No. 7 on NE 48-7	COUNTRY  North Vietnam	COORDINATES  18 03N - 105 50E  WE 886964	 25X1
MAP AMS L509 NE 48-7		BRIEF NO: PIB 75013 July 1966	 25X1 

LOCATION: 0.5 nm NW of Bai Duc Thon on the Vinh/Dong Hoi Rail Line.

### DESCRIPTION:

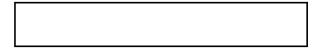
LENGTH
WIDTH
TYPE
140' approx.
Single track
Through truss

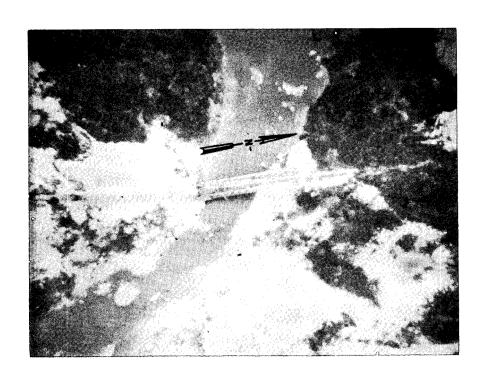
MATERIAL Wood, steel and concrete NO. OF SPANS Undetermined LENGTH OF EACH SPAN Undetermined

#### STATUS:

Track being constructed across top of original truss; bridge still unserviceable.

### COMPENSATIVE ACTION:





## Approved For Release 2002/06/12 DEA-RDP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION				
NAME	COUNTRY	COORDINATES		
Loc Yen Hwy. Bridge U/C		18 10N - 105 43E		
Bridge No. 28 on NE 48-7	North Vietnam	WF 759090		
Dirage No. 20 on the to-	1101 011 110 0110111	BRIEF NO:		
		PIB 75014	25X1	
MAP AMS 1509 NE 48-7		July 1966		

LOCATION: 0.2 nm S of Loc Yen on Route 15.

### DESCRIPTION:

LENGTH 125' approx.
WIDTH Undetermined Undetermined

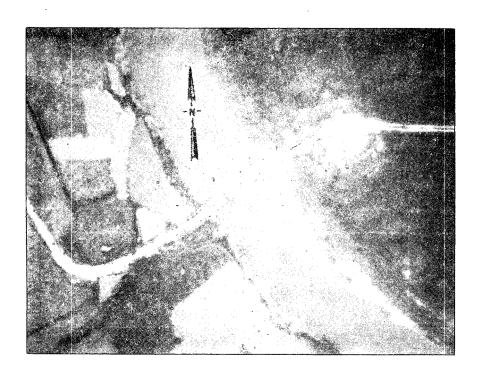
material Concrete
no. of spans 5
Length of Each span 25' approx.

#### STATUS:

Two piers destroyed, one pier damaged.

### COMPENSATIVE ACTION:

None



### Approved For Release 20(20)8/11/20 EN/4-FQ/P78T05161A001600050001-7

CIA IMA	GERY ANALYSIS DIVISION		<del></del>
NAME Phu Quat RR. Bridge over	COUNTRY	COORDINATES	
stream	ì	19 26N - 105 45E	25X1
Bridge No. 47 on NE 48-3	North Vietnam	WG 791498	
		BRIEF NO:	 25X1
		PIB 75015	20/(1
MAP AMS L509 NE 48-3		July 1966	·

LOCATION: 1.0 nm NW of Phu Quat on the Hanoi/Vinh Rail Line.

### DESCRIPTION:

î

WIDTH Single track
Through-truss

MATERIAL Steel
NO. OF SPANS 1
LENGTH OF EACH SPAN 90' approx.

### STATUS:

Span dropped.

### COMPENSATIVE ACTION:

A 3-span wood, deck-beam bridge has been constructed on the original abutments and is now serviceable.



### Approved For Reference 2002/08/12 DEMANDEZS T05164/09/600050001-7

CIA	<b>IMAGERY</b>	ANALYSIS	DIVISION

NAME	COUNTRY	COORDINATES
Truong Thinh Hwy. Bridge		18 54N - 105 18E
Bridge No. 102 on NE 48-7	North Vietnam	WF 319913

BRIEF NO: PIB 75016

MAP JOG (A) 1501 NE 48-7 August 1966
LOCATION: 0.2 nm S of Truong Thinh on Route 15.

### DESCRIPTION:

width 165' approx. 15' approx.

TYPE Deck

MATERIAL Concrete

NO. OF SPANS 3 probable

LENGTH OF EACH SPAN 55' approx.

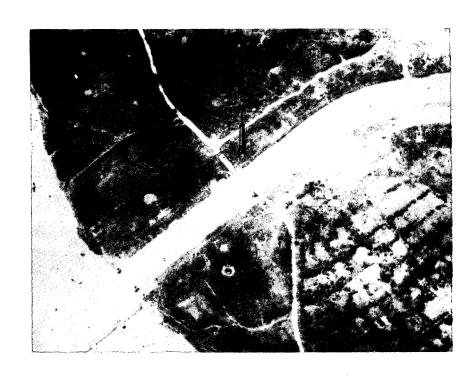
25X1

### STATUS:

One span destroyed; one span dropped; one span damaged and one pier destroyed.

### COMPENSATIVE ACTION:

None



## Approved For Release 2002/09/12 DCIA-RAP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Dong Hoi Hwy. Bridge No. 2 Bridge No. 41 on NE 48-12	North Vietnam	17 28N - 106 37E XE 716320	
MAP AMS 1509 NE 48-12		BRIEF NO: PIB 75017 July 1966	25X1

LOCATION: 0.5 nm W of Dong Hoi on Route 104.

DESCRIPTION:

ī

WIDTH TYPE 60' approx.

Deck

material Concrete
no. of spans 2
LENGTH OF EACH SPAN 30' approx.

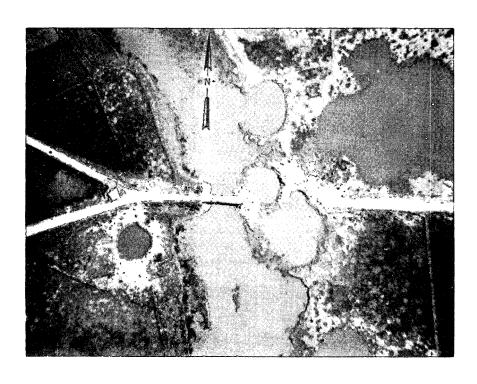
25X1

STATUS:

Approach destroyed; minor deck damage.

### COMPENSATIVE ACTION:

None



## Approved For Release 2002/08/120 EMTRAP78T05161A001600050001-7

CIA IMAG	ERY ANALYSIS DIVISION		
stream Bridge No. 38 on NE 48-3	COUNTRY  North Vietnam	COORDINATES  19 30N - 105 44E  WG 770579	25X1
MAP AMS L509 NE 48-3		BRIEF NO: PIB 75018 July 1966	25X1 

LOCATION: O.1 nm E of Dong Huong on the Hanoi/Vinh Rail Line.

### DESCRIPTION:

LENGTH WIDTH 70' approx.

TYPE Single track

Half-through truss

MATERIAL Steel NO. OF SPANS 1

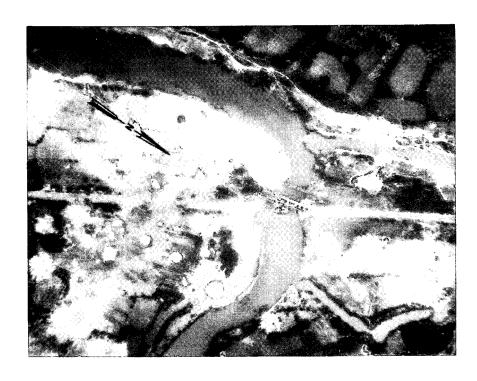
LENGTH OF EACH SPAN 701 approx.

#### STATUS:

Entire span out of alignment, temporary pier destroyed; abutments damaged.

### COMPENSATIVE ACTION:

By-pass under construction.



## Approved For Release 2002 (1914) FINE AT 8T05161A001600050001-7

NAME	COUNTRY	COORDINATES	
Dien Chau RR. By-Pass Bridge No. 1 Bridge No. 6 on NE 48-7	North Vietnam	18 58 <b>N -</b> 105 35 <b>E</b> WF 619980	
MAP AMS L509 NE 48-7		BRIEF NO: PIB 75019 July 1966	25X

#### DESCRIPTION:

LENGTH WIDTH 390' approx. Single track

Trestle

MATERIAL WOOD NO. OF SPANS 30 LENGTH OF EACH SPAN

STATUS:

Repaired and serviceable.

### COMPENSATIVE ACTION:

NA

25X1



### Approved For Release 2002/09/11/21 DEIN-RIAH 78T05161A001600050001-7

CIA IMA	GERY ANALYSIS DIVISION		
NAME Thi Long RR. Bridge over	COUNTRY	COORDINATES	···
Suoi Cry Gang		19 32N - 105 42E	25X1
Bridge No. 2 on NE 48-3	North Vietnam	WG 742599	
	•	BRIEF NO:	
		PIB 75020	25X1
MAP AMS L509 NE 48-3		July 1966	

LOCATION: O.1 nm SE of Thi Long on the Hanoi/Vinh Rail Line.

### DESCRIPTION:

LENGTH 100' approx.

WIDTH Single track

Through truss

MATERIAL Steel
NO. OF SPANS 2

LENGTH OF EACH SPAN 1 @ 25' approx. 1 @ 75' approx.

#### STATUS:

Both spans heavily damaged and twisted.

### COMPENSATIVE ACTION:

By-pass bridge now serviceable.



# Approved For Release 2002/08/12/10 PART 78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		
NAME Chau Lam Hwv. Bridge over	COUNTRY	COORDINATES	
Sui Da Ho		18 22N - 105 51E	25X1
Bridge No. 97 on NE 48-7	North Vietnam	WF 898320	
		BRIEF NO:	25X1
		PIB 75021	25/1
MAP AMS L509 NE 48-7		July 1966	

LOCATION: 1.5 nm NW of Chau Lam on Route 1A.

### DESCRIPTION:

WIDTH TYPE 60' approx.

10' approx.

MATERIAL Wood

NO. OF SPANS 3
LENGTH OF EACH SPAN 20' approx.

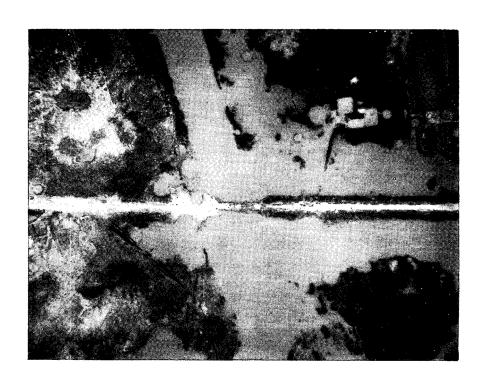
Deck

STATUS:

2 spans heavily damaged; piers and abutments intact.

### COMPENSATIVE ACTION:

Repairs underway.



### Approved For Release 2002/09/11/2 DEN 17/08/17/0

CIA IMAGI	ERY ANALYSIS DIVISION		
NAME Co Giang Hwy. Bridge Bridge No. 42 on NE 48-11	COUNTRY  North Vietnam	COORDINATES 17 36N - 106 20E XE 432480	 25X1 
MAP AMS L509 NE 48-11		BRIEF NO: PIB 75022 July 1966	 25X1 

LOCATION: 0.2 nm W of Co Giang on Route 101.

#### DESCRIPTION:

LENGTH 45' approx.
WIDTH 10' approx.
Type Deck

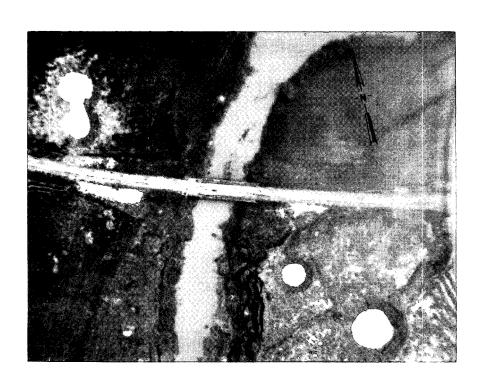
MATERIAL Timber
NO. OF SPANS 3 probable
LENGTH OF EACH SPAN 15' approx.

### STATUS:

Deck slightly damaged; repaired, serviceable.

#### COMPENSATIVE ACTION:

None



### Approved For Release 2002/08/120 EMTRAP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
NAME Kim Nac Hwy. Bridge over	COUNTRY	COORDINATES	<del></del>
stream		18 13N - 106 02E	25X1
Bridge No. 23 on NE 48-7	North Vietnam	XF 100155	
		BRIEF NO:	25X1
		PIB 75023	20/(1
MAP AMS L509 NE 48-7		July 1966	

LOCATION: 0.3 nm NE of Kim Nac on Route 1A.

### DESCRIPTION:

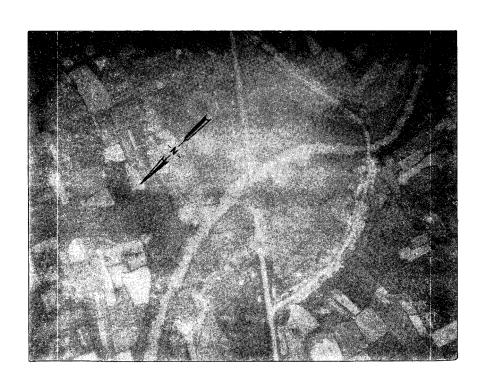
WIDTH TYPE 90' approx. 10' approx. Deck material Probable concrete no. of spans 2 probable LENGTH OF EACH SPAN 45' approx.

### STATUS:

1 abutment destroyed, 1 span heavily damaged.

### COMPENSATIVE ACTION:

By-pass bridge.



## Approved For Release 2002/08/12 ENTRAP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
N AME	COUNTRY	COORDINATES	
Twong Thien Hwy. Bridge		17 12N - 106 44E	
Luong Thien Hwy. Bridge Bridge No. 12 on NE 48-12	North Vietnam	XE 851016	
		BRIEF NO:	<del></del>
		PIB 75024	25X1
MAP AMS L509 NE 48-12		July 1966	

LOCATION: 0.6 nm E of Luong Thien on Route 101.

DESCRIPTION:

150' approx. 10' approx. LENGTH WIDTH TYPE Deck

Wood MATERIAL NO. OF SPANS 5 LENGTH OF EACH SPAN 301 approx.

STATUS:

Destroyed.

COMPENSATIVE ACTION:

None



## Approved For Release 200**2/08/17/DEMTRIP**78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			•
NAME	COUNTRY	COORDINATES	
Tuong Thien Hwy, Bridge		17 12N - 106 44E	
Luong Thien Hwy. Bridge Bridge No. 12 on NE 48-12	North Vietnam	XE 851016	
211080 1101		BRIEF NO:	
		PIB 75025	25X
MAP AMS L509 NE 48-12		July 1966	

LOCATION: 0.6 nm E of Luong Thien on Route 101.

DESCRIPTION:

LENGTH 150' approx.
WHOTH 10' approx.
TYPE Deck

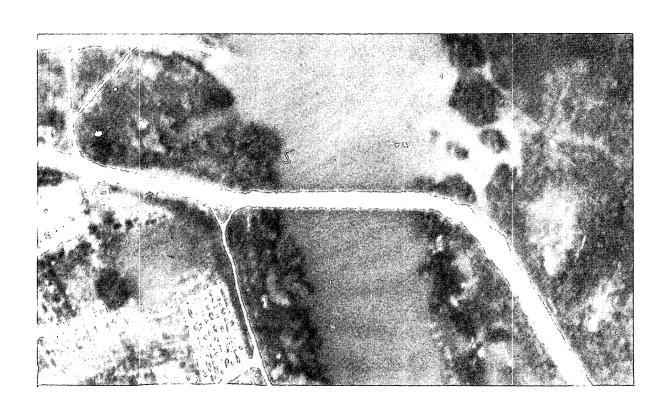
MATERIAL WOOD NO. OF SPANS 5 LENGTH OF EACH SPA

LENGTH OF EACH SPAN 30' approx.

STATUS:

Pre-strike.

COMPENSATIVE ACTION:



### Approved For Release 2002(0) F2) [ ] 78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
NAME Dong Lac Hwy. Bridge No. 2	COUNTRY	COORDINATES	_
over Bau Den Bridge No. 65 on NE 48-7	North Vietnam	18 11N - 106 10E XF 238117	25X
		BRIEF NO: PIB 75026	25X
MAP AMS L509 NE 48-7		July 1966	

LOCATION: 0.3 nm W of Son Kinh on unnumbered route.

### DESCRIPTION:

WIDTH 100' approx.

TYPE Deck

MATERIAL Wood and concrete
NO. OF SPANS 5
LENGTH OF EACH SPAN 201 approx.

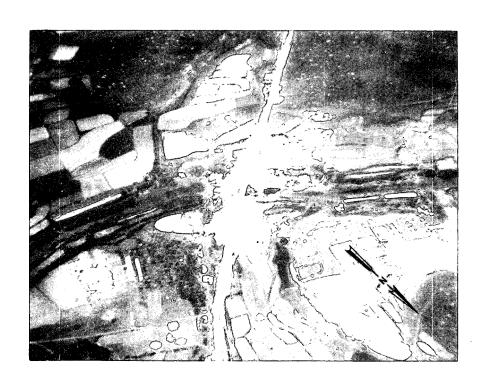
25X1

#### STATUS:

Abutments damaged; 2 spans damaged.

### COMPENSATIVE ACTION:

Ford.



## Approved For Release 2002 09 112 DEIN-17 1AP 78 T05161 A0016000 50001-7

NAME Than 1	CIA IMAGE Dau Hwy. Bridge SE over	RY ANALYSIS DIVISION COUNTRY	COORDINATES	
Khe Luy	96 on NE 48-7	North Vietnam	18 00N - 106 28E XE 916550	25X1
	AMS L509 NE 48-7		BRIEF NO: PIB 75027 July 1966	 25X1
	l nm SE of Than Dau on Ro	ute lA.	0419 1700	<del></del>
DESCRIPTION:				•
LENGTH WIDTH	40' approx.	material Wood and	d concrete	25X1

LENGTH OF EACH SPAN 40' approx.

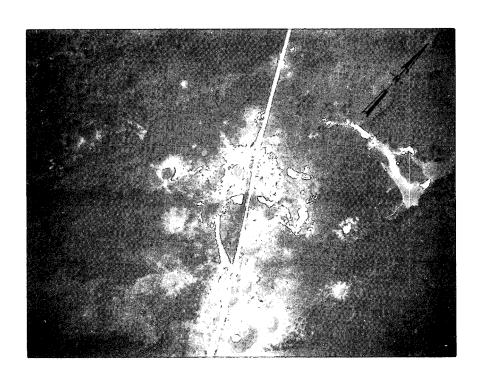
STATUS:

TYPE

Span repaired; bridge serviceable.

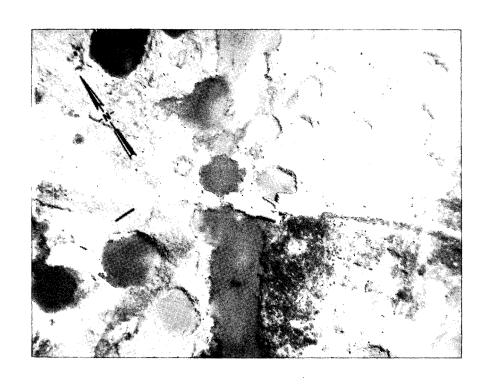
### COMPENSATIVE ACTION:

Ford.



## Approved For Release 200 2/09/17 DEN 17/8T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		<del></del>
NAME Qui Trinh Hwy. Bridge Bridge No. 13 on NE 48-12	COUNTRY  North Vietnam	COORDINATES   17 12N - 106 43E   XE 830034	 25X1
MAP AMS L509 NE 48-12  LOCATION: 0.4 nm SW of Qui Trinh on	Route 101.	BRIEF NO: PIB 75028 July 1966	 25X1 
DESCRIPTION:			
LENGTH WIDTH 20' approx. TYPE Deck	MATERIAL Wood and on the second control of second control of each span	concrete	25X1 25X1
status: 2 spans destroyed, 1 damaged.			
COMPENSATIVE ACTION:			
None			
			25X1



### Approved For Release 200@0NF1DEMTRDP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
Khe Net  Bridge No. 11 on NE 48-11	COUNTRY  North Vietnam	COORDINATES 17 59N - 105 56E WF 988877	 25X1
MAP AMS L509 NE 48-11		BRIEF NO: PIB 75029 July 1966	25X1

LOCATION: 0.2 nm N of Xom Khe on Vinh/Dong Hoi Rail Line.

### DESCRIPTION:

WIDTH

LENGTH 200' approx. Single track

TYPE

Wood, deck-beam supported

by lattice towers

MATERIAL Timber NO. OF SPANS

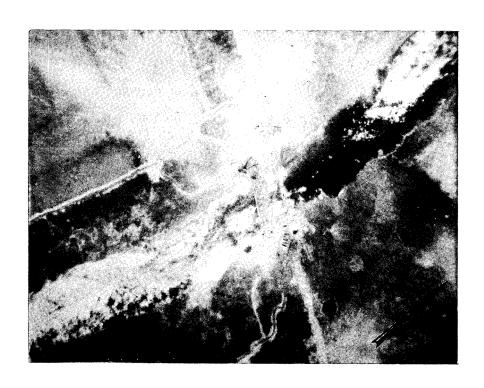
LENGTH OF EACH SPAN 50' approx.

STATUS:

Bridge destroyed; abutments undamaged.

### COMPENSATIVE ACTION:

None



### Approved For Release 2002/08/120 CHARDP78T05161A001600050001-7

CIA IMAGER	Y ANALYSIS DIVISION		
NAME Ninh Binh RR. and Hwv. Bridge	COUNTRY	COORDINATES	 25X
over Song Day		20 15N - 105 59E	
Bridge No. 1 on NF 48-15	North Vietnam	XH 030405	^_\
		BRIEF NO:	<sup>-</sup> 25X
		PIB 75030	
MAP AMS L509 NF 48-15		July 1966	
LOCATION: At Ninh Binh on Route 1.			

### DESCRIPTION:

WIDTH
TYPE

680' approx.

Through-truss with center, swing-span

NO. OF SPANS 8

LENGTH OF EACH SPAN 85' (2 continuous-trusses and a center, swing-span)

STATUS:

Southernmost through-truss destroyed and swing-span damaged.

#### COMPENSATIVE ACTION:

Swing-span repaired and truss replaced by deck with timber supports for rail traffic only. Railroad bridge by-pass under construction west of present bridge.





## Approved For Release 2002/08/12 CIA RD 78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
NAME Nam Lanh Hwv. Bridge over Khe Sau	COUNTRY	COORDINATES 17 53N - 106 27E	
Bridge No. 35 on NE 48-11	North Vietnam	XE 549790	25X1
		BRIEF NO: PIB 75031	 25X1
MAP AMS L509 NE 48-11		July 1966	
LOCATION: 0.6 nm NNE of Nam Lanh or	n Route LA.		

### DESCRIPTION:

LENGTH 60' approx.
WIDTH 20' approx.
Type Deck

NO. OF SPANS 2 probable LENGTH OF EACH SPAN 30' approx.

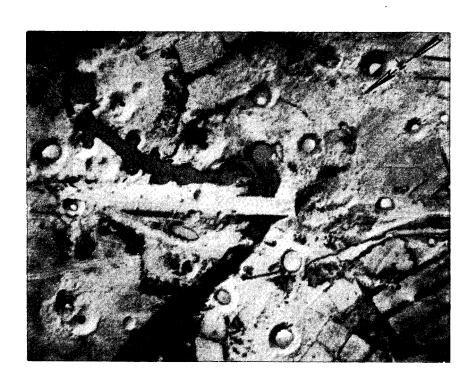
### STATUS:

Approaches interdicted, one abutment lightly damaged, probable structural damage.

### COMPENSATIVE ACTION:

By-pass ford.

Ref.



### Approved For Release 2002/09/12 DEN-RTA-78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
NAME Nam Lanh Hwy. Bridge over	COUNTRY	COORDINATES	
Khe Sau		17 35N - 106 27E	25X1
Bridge No. 35 on NE 48-11	North Vietnam	XE 549790	. 20/(1
	distriction of the second seco	BRIEF NO:	051/4
		PIB 75032	25X1
MAP AMS L509 NE 48-11		July 1966	-

LOCATION: 0.6 nm NNE of Nam Lanh on Route 1A.

### DESCRIPTION:

LENGTH 60' approx.
WIDTH 20' approx.
TYPE Deck

MATERIAL Concrete

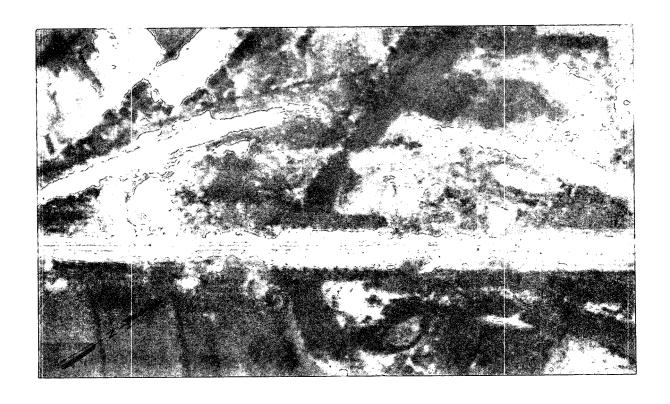
NO. OF SPANS 2 probable
LENGTH OF EACH SPAN 30' approx.

### STATUS:

Pre-strike.

### COMPENSATIVE ACTION:

By-pass ford. (Note "lean-to" type of concealment/camouflage.)



### Approved For Release 20 (27) PR PR P78T05161A001600050001-7

CIA IMAG	GERY ANALYSIS DIVISION		<del>-</del>
NAME Loc Dien Hwy. Bridge over	COUNTRY	COORDINATES	
stream Bridge No. 12 on NE 48-11	North Vietnam	17 45N - 106 23E XE 471639	25X1
Thridge No. 12 On No. 40-11	NOT OIL VICTIAM	BRIEF NO:	<b>–</b> 25X1
		PIB 75033	23A I
MAP AMS L509 NE 48-11		August 1966	

LOCATION:

At Loc Dien on Route 110.

### DESCRIPTION:

LENGTH WIDTH

45' approx.

10' approx. TYPE

Deck

Timber MATERIAL

NO. OF SPANS 3 probable LENGTH OF EACH SPAN 15: approx.

#### STATUS:

Bridge destroyed.

### COMPENSATIVE ACTION:

Replaced by new bridge approx. 45' long, 10' wide, deck type, 3 spans of timber construction.



## Approved For Release 20020017 ENTROP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			_
NAME Dap Cau RR. and Hwy. Bridge	COUNTRY	COORDINATES	_
over Song Cau		21 12N - 106 05E	0EV/
Bridge No. 12 on NF 48-11	North Vietnam	XJ 135450	25X <sup>2</sup>
· •		BRIEF NO:	<b>-</b>
		PIB 75034	25X1
MAP JOG (A) 1501 NF 48-11		August 1966	_
LOCATION: 0.2 nm W of Dap Cau on Ro	oute LA and the Hanoi/	Ping-hsiang Rail Line.	_

### DESCRIPTION:

550' approx. LENGTH WIDTH 25' approx. TYPE Through truss MATERIAL Steel and concrete
NO. OF SPANS 8
LENGTH OF EACH SPAN 2 @ 40 approx.

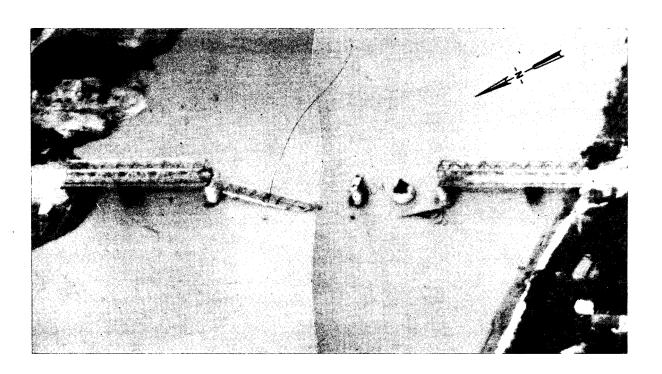
6 @ 80' approx.

### STATUS:

4 spans dropped; 1 pier destroyed.

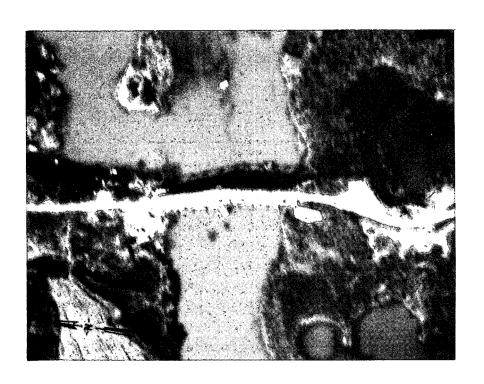
### COMPENSATIVE ACTION:

Ferry and by-pass under construction.



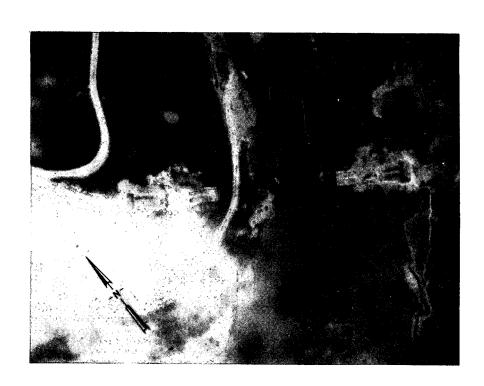
# Approved For Release 2002/08/12 CIA-RDP78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		
ridge No. 7 on NF 48-10	COUNTRY North Vietnam	COORDINATES 21 20N - 103 54E UJ 873606	
MAP .AMS L509 NF 48-10		#RIEF NO: PIB 75035 August 1966	
LOCATION: 0.5 nm SE of Ban Lan on Ro	ute 6.		
DESCRIPTION:  LENGTH WIDTH TYPE  Deck  STATUS:  Bridge repaired and serviceable	MATERIAL Timber and NO. OF SPANS 2 LENGTH OF EACH SPAN	concrete	
COMPENSATIVE ACTION:			
None			
		et e	



# Approved For Release 2002/08/12 : CIA-RDP78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		_
over Nam Quat  Bridge No. 17 on NE 48-11	COUNTRY  North Vietnam	COORDINATES   17 57N = 105 49E   WE 861859	<b>-</b> 25X
MAP AMS L509 NE 48-11  LOCATION: 0.8 nm NW of Xom Ca Trang	on Pouto 15	BRIEF NO: PIB 75036 August 1966	- 25X -
DESCRIPTION:  LENGTH 190' approx.  WIDTH  TYPE  Deck	MATERIAL Concrete and		25X
STATUS:  Bridge repaired - destroyed spa	ns replaced by cables	and removable decking.	
COMPENSATIVE ACTION: Ford			
			25X

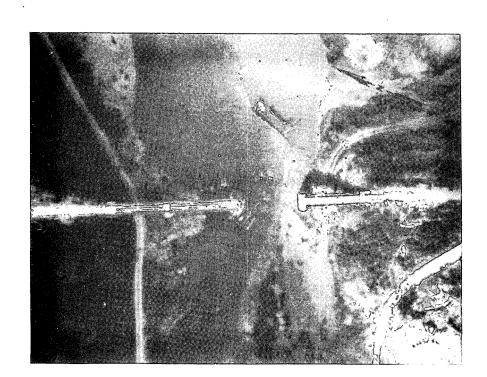


# Approved For Release 2002/08/12 DEN RDP78T05161A001600050001-7

NAME Yom Ca Trang Hwy. Bridge No. 1	COUNTRY	COORDINATES	
Bridge No. 3 on NE 48-11	North Vietnam	17 57N - 105 49E WE 865855	25X
MAP AMS L509 NE 48-11		BRIEF NO: PIB 75037 August 1966	25X
SECONDITION:			
DESCRIPTION:  LENGTH 350' approx.  WIDTH  TYPE  Deck	material Concrete a no. of spans 4 length of each span	nd steel	25X

COMPENSATIVE ACTION:

By-pass ford and by-pass bridge.



## Approved For Release 2002/09/11/21 DEIN-17/08/T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
N AME	COUNTRY	COORDINATES	
My Phuoc Hwy. Bridge No. 2		17 15N - 106 48E	
Bridge No. 42 on NE 48-12	North Vietnam	XE 908083	
		BRIEF NO:	
		PIB 75038	25X
MAP AMS L509 NE 48-12		July 1966	
LOCATION: 0.5 nm NE of My Phuoc	on unnumbered route.		<del></del>

### DESCRIPTION:

VIDTH TYPE 70' approx.
10' approx.
Deck

MATERIAL Wood

NO. OF SPANS 5 approx.

LENGTH OF EACH SPAN

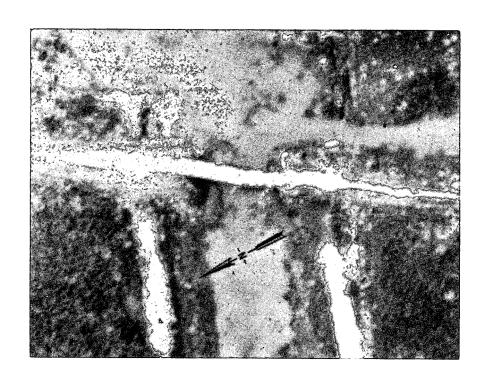
25X1

### STATUS:

Probable structural damage, spans out of alignment.

### COMPENSATIVE ACTION:

None



## Approved For Release 2002/08/120 ENTROP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES
My Phuoc Hwy. Bridge No. 1		17 15N - 106 47E
Bridge No. 43 on NE 48-12	North Vietnam	XE 900075
		BRIEF NO:
		PIB 75039
MAP AMS L509 NE 48-12		July 1966

LOCATION: 0.2 nm SE of My Phuoc on an unnumbered route.

### DESCRIPTION:

£

LENGTH 50' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Wood

NO. OF SPANS 4 probable

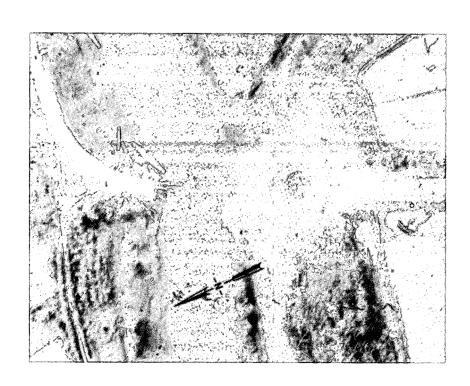
LENGTH OF EACH SPAN Unknown

### STATUS:

Destroyed.

### COMPENSATIVE ACTION:

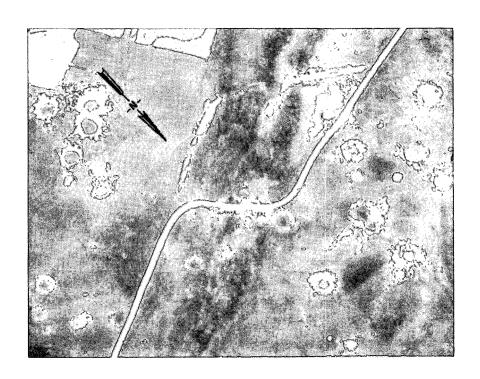
None.



# Approved For Release 2002/09/17 DEN TRAP78T05161A001600050001-7

AME an Hua Na Hwy. Bridge ridge No. 14 on NE 48-2  MAP AMS 1509 NE 48-2  OCATION: 1.0 nm E of Ban Hua Na or	North Vietnam  Route 7.	COORDINATES  19 10N - 104 36E    VG 589204  BRIEF NO:    PIB 75040  July 1966	 25)
ridge No. 14 on NE 48-2  MAP AMS I509 NE 48-2  OCATION: 1.0 nm E of Ban Hua Na or		VG 589204  BRIEF NO:  PIB 75040	 25)
MAP AMS 1509 NE 48-2 .ocation: 1.0 nm E of Ban Hua Na or		BRIEF NO: PIB 75040	 25)
OCATION: 1.0 nm E of Ban Hua Na or	n Route 7.	PIB 75040	25)
OCATION: 1.0 nm E of Ban Hua Na or	n Route 7.		20,
OCATION: 1.0 nm E of Ban Hua Na or	n Route 7.	July 1966	
I.O im E of ban haa wa of	n Route 7.		
ESCRIPTION:			
Eagini Hair.			
LENGTH	material Concrete		25
TYPE 10' approx.	no. of spans 12 arch	es approx.	20
Continuous Arch	LENGTH OF EACH SPAN		25)
	L		20,
TATUS:			
Serviceable.			
OMPENSATIVE ACTION:			
None			
			25

NOTE: This PIB is to replace PIB 65118



### Approved For Release 200**2/04/12/05/17/10/17**78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			<u>_</u>
N AME	COUNTRY	COORDINATES	
Bai Xa Hwy. Bridge No. 2		19 08N - 104 41E	
Bridge No. 20 on NE 48-2	North Vietnam	VG 679163	
		BRIEF NO:	
		PIB 75041	25X
MAP AMS 1509 NE 48-2		July 1966	

LOCATION: 1.4 nm W of Bai Xa on Route 7.

### DESCRIPTION:

LENGTH 25' approx. 15' approx.

MATERIAL Concrete

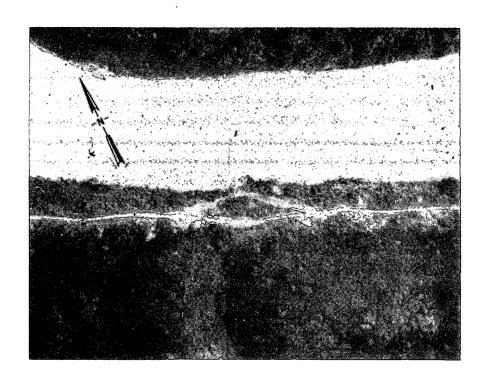
NO. OF SPANS 1
LENGTH OF EACH SPAN 25' approx.

STATUS:

Repaired and serviceable.

### COMPENSATIVE ACTION:

None



### Approved For Release 20(27)8/11/2014-PAP78T05161A001600050001-7

CIA IMAGE	ERT ANALTSIS DIVISION		
N AME	COUNTRY	COORDINATES	<del></del>
Ha Thon Hwy. Bridge Bridge No. 3 on NE 48-12	North Vietnam	17 13N - 106 43E XE 817054	
		BRIEF NO: PIB 75042	25X1
MAP AMS L509 NE 48-12		July 1966	
LOCATION: 1 nm SW of Ha Thon on Rout	te 101.		
DESCRIPTION:			

LENGTH WIDTH Deck

Concrete MATERIAL

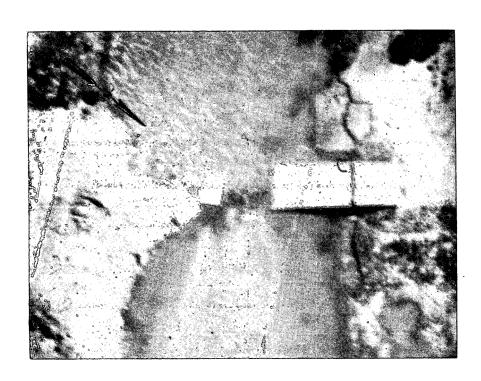
25X1

25X1

### STATUS:

1 span dropped, 2 spans destroyed, 1 abutment destroyed, 2 piers destroyed.

### COMPENSATIVE ACTION:



## Approved For Release 2002/08/12 : CIA-RDP78T05161A001600050001-7 CONFIDENTIAL

CIA IN	AAGERY ANALYSIS DIVISION		
NAME Dong Lang Hwy. Bridge Bridge No. 25 on NE 48-11	COUNTRY  North Vietnam	COORDINATES 17 51N - 106 04E XE 127743	
AMC TEOO NE //8 11		BRIEF NO: PIB 75043 July 1966	25X1

LOCATION: 0.4 nm NW of Dong Lang on a portion of the destroyed Vinh/Dong Hoi RR. AMS L509 NE 48-11

### DESCRIPTION:

LENGTH 110' approx.

WIDTH 20' approx.

TYPE

MATERIAL Concrete
NO. OF SPANS 3 TYPE Deck

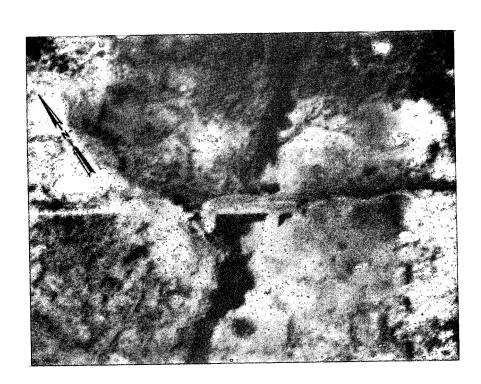
LENGTH OF EACH SPAN 2 approach spans @ 25' approx. l center span @ 60' approx.

### STATUS:

1 approach span destroyed and abutment damaged.

### COMPENSATIVE ACTION:

By-pass ford.



### Approved For Release 200**EONTADENTRAP**78T05161A001600050001-7

CIA IMAG	ERY ANALYSIS DIVISION	- · · · · · · · · · · · · · · · · · · ·	<del></del>
NAME Nam Lanh Hwy. Bridge N over	COUNTRY	COORDINATES	<del></del>
Khe Sau		17 53N - 106 27E	
Bridge No. 35 on NE 48-11	North Vietnam	XE 549790	25X1
		BRIEF NO:	<del></del>
		PIB 75044	25X1
MAP AMS L509 NE 48-11		July 1966	

LOCATION: 0.6 nm NNE of Nam Lanh on Route 1A.

### DESCRIPTION:

WIDTH TYPE 60' approx.
20' approx.
Deck

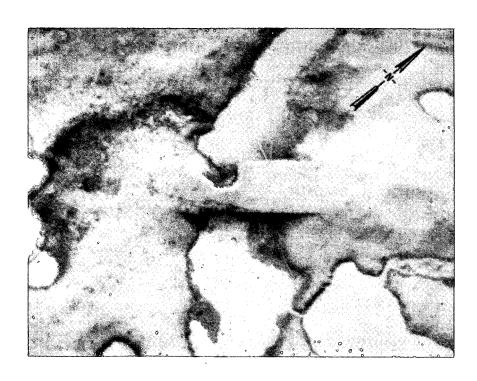
MATERIAL Concrete
NO. OF SPANS 2 probable
LENGTH OF EACH SPAN 30' approx.

25X1

### STATUS:

Approaches interdicted, 1 abutment severely damaged, 1 span severely damaged.

### COMPENSATIVE ACTION:



### Approved For Release 2002/08/12: CIA-RDP78T05161A001600050001-7

#### CIA IMAGERY ANALYSIS DIVISION NAME Lang Met Hwy. Bridge over the COUNTRY COORDINATES Song Thuong 21 30N - 106 21E 25X1 XJ 399782 <u>Bridge No.</u> 3 on NF 48-11 North Vietnam BRIEF NO: 25X1 PIB 75045 MAP NF 48-11 July 1966

LOCATION: 0.3 nm NE of Lang Met on Route LA.

### DESCRIPTION:

WIDTH TYPE 180' approx. 15' approx. Deck MATERIAL Concrete
No. of spans 14
LENGTH OF EACH SPAN 45 approx.

### STATUS:

4 spans destroyed, 2 piers destroyed.

### COMPENSATIVE ACTION:

Pontoon bridge.



## Approved For Release 2002/08/17 DENTRAP78T05161A001600050001-7

CIA	IMAGERY ANALYSIS DIVISION	•	-
Ben Thuy Hwy. Bridge Bridge No. 98 on NE 48-7	COUNTRY  North Vietnam	COORDINATES  18 37N - 105 43E  WF 747589	<del></del>
MAP AMS L509 NE 48-7	•	BRIEF NO: PIB 75046 July 1966	25X
LOCATION: 0.3 nm W of Ben Thuy DESCRIPTION:	on Route LA.		_
LENGTH WIDTH	MATERIAL Wood and o	concrete	25X <sup>2</sup>
Deck	LENGTH OF EACH SPAN		25X1

STATUS:

2 spans dropped; 1 severely damaged.

### COMPENSATIVE ACTION:



### Approved For Release 2002/08/17 ENTROP78T05161A001600050001-7

NAME Son Kinh Hwy. Bridge SE over	COUNTRY	COORDINATES
Bau Den		18 11N - 106 11E
Bridge No. 64 on NE 48-7	North Vietnam	XE 254116
		BRIEF NO:
		PIB 75047
MAP AMS L509 NE 48-7		July 1966
LOCATION: O.1 nm E of Son Kinh on Ro	11±0 7 A	

60' approx. LENGTH WIDTH

Wood LENGTH OF EACH SPAN 20' approx.

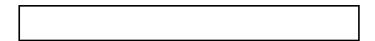
25X1

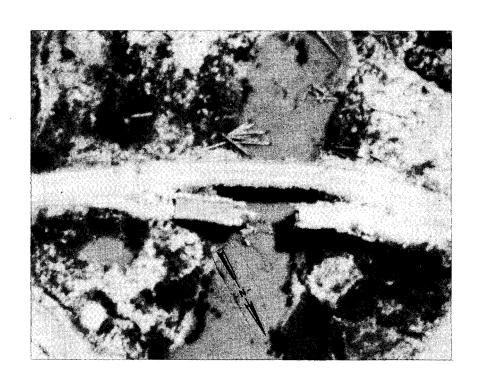
### STATUS:

Center span destroyed.

### COMPENSATIVE ACTION:

By-pass bridge adjacent to highway bridge.





### Approved For Release 2002/08/12 DCH - TAP78T05161A001600050001-7

CIA IMA	GERY ANALYSIS DIVISION		<del></del>
NAME Kim Nac Hwy. Bridge over	COUNTRY	COORDINATES	_
stream Bridge No. 23 on NE 48-7	North Vietnam	XF 100155	25X1
		BRIEF NO: PIB 75048	 25X1
MAP AMS L509 NE 48-7		July 1966	

LOCATION: 0.3 nm NE of Kim Nac on Route LA.

### DESCRIPTION:

WIDTH 10' approx.
TYPE 90' approx.
Deck

MATERIAL Concrete
NO. OF SPANS 2
LENGTH OF EACH SPAN 45' approx.

#### STATUS:

1 span destroyed.

### COMPENSATIVE ACTION:

By-pass bridge (destroyed).



### Approved For Release 200**ሮ/ዐህ ገ**ር **ጋር ቤተና አም**78T05161A001600050001-7

CIA	IMAGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES	
Tam Da Pontoon Bridge Bridge No. 82 on NE 48-7	North Vietnam	18 50N - 105 39E WF 688839	
		BRIEF NO:	
		PIB 75049	25X1
MAP AMS L509 NE 48-7		July 1966	

LOCATION:

2.2 nm NE of Tam Da on Route LA.

### DESCRIPTION:

LENGTH WIDTH

TYPE

360' approx. 10' approx.

Pontoon

MATERIAL WOOD.

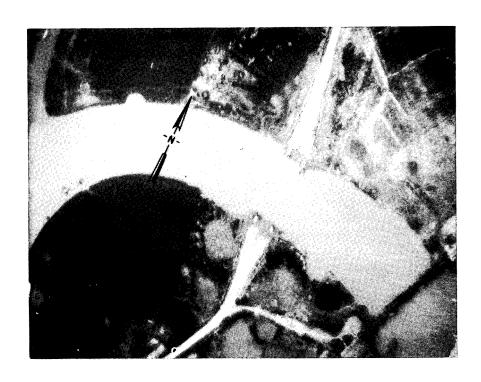
NO. OF SPANS \_
LENGTH OF EACH SPAN

STATUS:

Completely destroyed.

### COMPENSATIVE ACTION:

None apparent.



### Approved For Release 20020N/F2) [ATRADP78T05161A001600050001-7

CIA IM	AGERY ANALYSIS DIVISION		
Tam Da Pontoon Bridge Bridge No. 82 on NE 48-7	COUNTRY  North Vietnam	COORDINATES  18 50N - 105 39E  WF 688839	
MAP AMS L509 NE 48-7		BRIEF NO: PIB 75050 July 1966	 25X1 

LOCATION: 2.2 nm NE of Tam Da on Route LA.

### DESCRIPTION:

WIDTH 360' approx.
TYPE 10' approx.
Pontoon

MATERIAL Wood.

NO. OF SPANS \_\_
LENGTH OF EACH SPAN

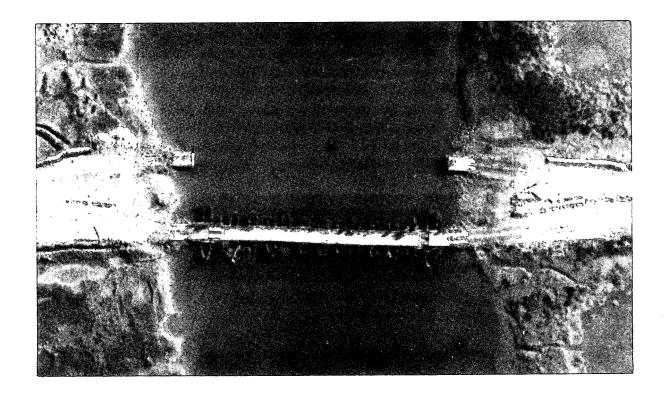
### STATUS:

Pre-strike

### COMPENSATIVE ACTION:

This pontoon bridge is located adjacent to the Tam Da Highway Ferry which was constructed as a by-pass for the damaged Tam Da RR. and Hwy. Bridge over Song Cau Lo

25X1



### Approved For Release 2002/09/12/1021/1-RD-78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	<del></del>
Phuong Linh RR. Bridge Bridge No. 9 on NF 48-11	North Vietnam	21 28N - 105 06E WJ 109734	
		BRIEF NO: PIB 75051	25X1
MAP AMS L509 NF 48-11		July 1966	

LOCATION: O.1 nm NE of Phuong Linh on the Hanoi/Lao Kay Rail Line.

### DESCRIPTION:

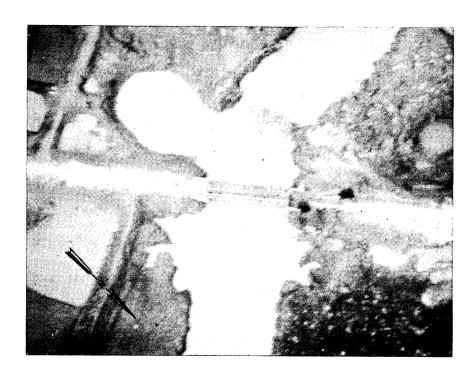
\_\_ngle track Half-through truss LENGTH 70' approx. HTGIW TYPE

MATERIAL Steel and concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 70' approx 70' approx.

#### STATUS:

Moderate damage to approaches; bridge alignment slightly altered but probably still serviceable. Slight damage to 1 abutment.

### COMPENSATIVE ACTION:



### Approved For Release 2002/08/12 ENTROP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES
Dong Khe Hwy. Bridge		19 O3N - 105 34E
Bridge No. 56 on NE 48-3	North Vietnam	WG 615065 .
		BRIEF NO:
		PIB 75052
MAP AMS L509 NE 48-3		July 1966

25X1

LOCATION: 1.0 nm S of Dong Khe on Route 1A.

### DESCRIPTION:

LENGTH 25' approx. WIDTH TYPE

Probable concrete MATERIAL LENGTH OF EACH SPAN 25' approx.

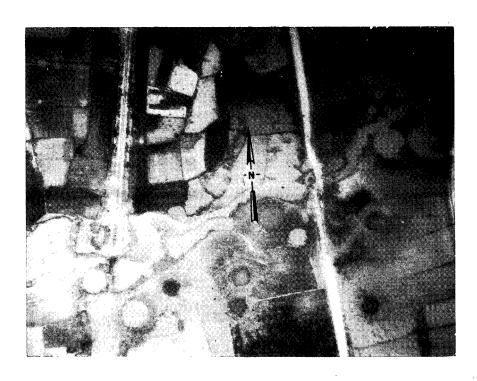
25X1

#### STATUS:

Completely destroyed.

### COMPENSATIVE ACTION:

Causeway with culvert immediately adjacent to old bridge.



## Approved For Release 2002/08/12 . CIA-RDP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
N AME	COUNTRY	COORDINATES	
Dong Khe Hwy. Bridge		19 03N - 105 34E	
Dong Khe Hwy. Bridge Bridge No. 56 on NE 48-3	North Vietnam	WG 615065 .	
	· · · · · · · · · · · · · · · · · · ·	BRIEF NO:	
		PIB 75052	25X1
MAP AMS L509 NE 48-3		July 1966	

LOCATION: 1.0 nm S of Dong Khe on Route 1A.

### DESCRIPTION:

LENGTH 25 approx.
WIDTH
TYPE
Deck

MATERIAL Probable concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 25' approx.

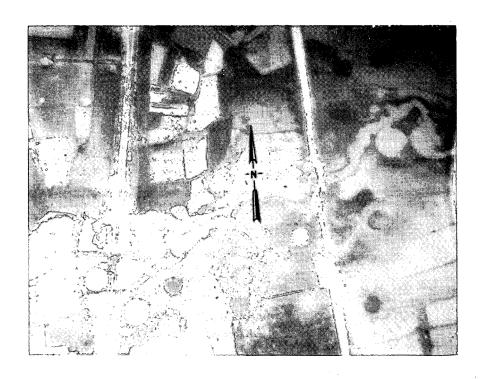
25X1

STATUS:

Completely destroyed.

### COMPENSATIVE ACTION:

Causeway with culvert immediately adjacent to old bridge.



## Approved For Release 2002/08/12 : CIA-RDP78T05161A001600050001-7

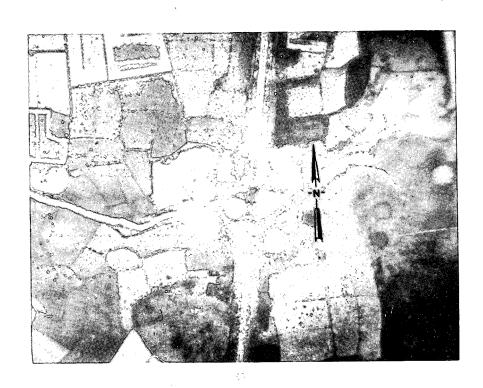
ČIA IMA	GERY ANALYSIS DIVISION		<del></del>
stream Bridge No. 49 on NE 48-3	COUNTRY  North Vietnam	19 03N - 105 34E WG 609074	25X1
		BRIEF NO: PIB 75053 July 1966	25X1
LOCATION: 0.5 nm S of Dong Khe on	the Hanoi-Vinh Rail Lin		_
LENGTH Single track	material Steel a	nd concrete	25X1
Half-through truss	LENGTH OF EACH SPAN		25X1

### STATUS:

Repaired and serviceable.

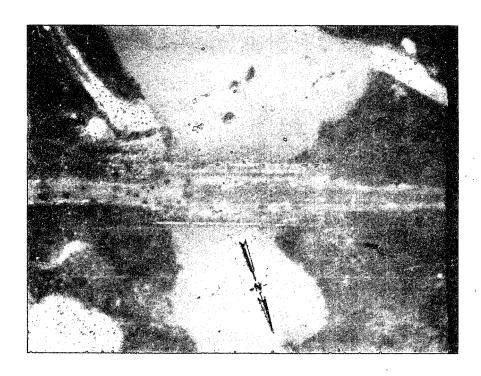
### COMPENSATIVE ACTION:

NA



## Approved For Release 2002/08/12: CIA-RDP78T05161A001600050001-7

CIA IMA	AGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES	
Ban Lac Hwy. Bridge		21 19N - 103 55E	
Bridge No. 6 on NF 48-10	North Vietnam	UJ 876584	ocusan
		BRIEF NO:	25×
		PIB 75054	23/
MAP AMS L509 NF 48-10		July 1966	
LOCATION: 0.5 nm W of Ban Lac on	Route 6.		
DESCRIPTION:			
	MATERIAL Concrete	e and wood	
LENGTH 40' approx.	NO. OF SPANS	e and wood	
Deck	LENGTH OF EACH SPAN	20' approx	25X
Deck		zo approx.	
STATUS:			
Repaired and serviceable.			
<b>-</b>			
COMPENSATIVE ACTION:			
None			
			25>



## Approved For Release 2002/08/12 : CIA-RDP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		·
NAME Tam Da RR. and Hwy. Bridge over Song Cua Lo Bridge No. 18 on NE 48-7	COUNTRY  North Vietnam	COORDINATES  18 50N - 105 39E  WF 689840	25X1
MAP AMS L509 NE 48-7		PIB 75055 August 1966	25X1

MATERIAL Wood, concrete and steel

LENGTH OF EACH SPAN 45 approx.

2.3 nm NE of Tam Da on the Hanoi/Vinh Rail Line. LOCATION:

### DESCRIPTION:

LENGTH WIDTH

360' approx. Single track

Combination deck beam/

half-through truss

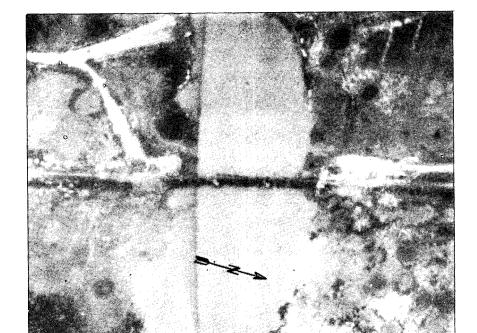
STATUS:

TYPE

Repaired and serviceable for light rail equipment.

### COMPENSATIVE ACTION:

By-pass W of Bridge U/C.



## Approved For Release 2002/08/12 . CIA-RDP78T05161A001600050001-7

CIA	IMAGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES	
Ban Veng Hwy. Bridge		21 32N - 103 21E	
Bridge No. 12 on NF 48-9	North Vietnam	UJ 292827	
		BRIEF NO:	<del></del>
		PIB 75056	25>
MAP AMS L509 NF 48-9		August 1966	
LOCATION: 1.0 nm SW of Ban Ver	g on Route 19.		

### DESCRIPTION:

WIDTH
TYPE

180' approx.

Half-through truss

MATERIAL Steel and concrete NO. OF SPANS 3 LENGTH OF EACH SPAN 60' approx.

25X1

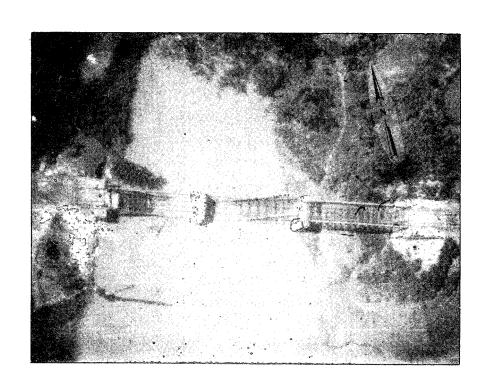
#### STATUS:

2 spans dropped, piers and abutments intact.

### COMPENSATIVE ACTION:

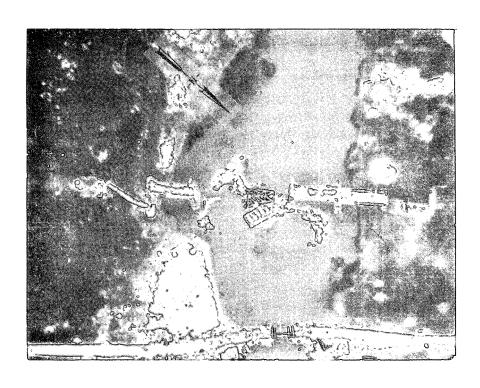
Cables have been strung possibly to support removable deck sections.





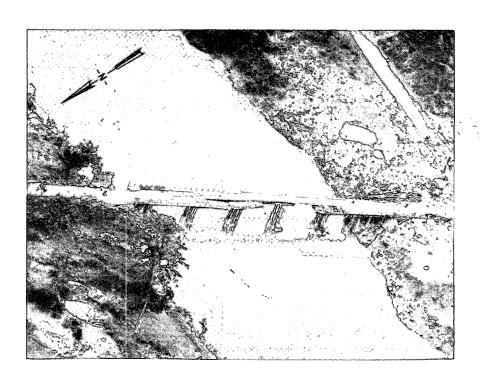
### 

CIA	IMAGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES	
Xom Phuong RR. Bridge		17 32N - 106 33E	
Bridge No. 4 on NE 48-12	North Vietnam	XE 646406	
		BRIEF NO:	25X1
		PIB 75057	23/1
MAP AMS L509 NE 48-12		August 1966	<del></del>
LOCATION: 0.3 nm S of Xom Phu	ong on abandoned Vinh/Dong	Hoi RR.	
DESCRIPTION:			
LENGTH 350' approx.	material Concret	e and steel	
WIDTH	NO. OF SPANS 7		
Deck	LENGTH OF EACH SPAN	50' approx.	25X1
STATUS:			
4 spans destroyed, 2 spa	ns out of alignment, l pie	r destroyed.	
COMPENSATIVE ACTION:			
Ford			
			25X1



## Approved For Release 2002/08/12 DEN TIAL PROPOSITION 1600050001-7

	GERY ANALYSIS DIVISION	I cooppilates	
NAME Thai Nguyen Hwy. Bridge over	COUNTRY	COORDINATES	
Song Cau	North Wietnem	21 35N - 105 50E WJ 870883	25X
Bridge No. 6 on NF 48-11	North Vietnam	BRIEF NO:	
		PIB 75058	25X
MAP AMS L509 NF 48-11		August 1966	
LOCATION: O.l nm N of Thai Nguyen	on Route 1B	1148450 1700	
0.1 Inn 1. 01 Ind 1.84, 011	011 1.0 d 0 0 1 1 1 .		
DESCRIPTION:			
	** 3		
LENGTH 1601 approx.	material Wood		
WIDTH TOO approx.	MATERIAL WOOD.		25X
WIDTH TYPE	·····	6 @ 25' approx.	25X
WIDTH TOO' approx.	NO. OF SPANS 7	6 @ 25' approx. 1 @ 10' approx.	25X
WIDTH TYPE Deck	NO. OF SPANS 7		25X
WIDTH TYPE	NO. OF SPANS 7 LENGTH OF EACH SPAN	1 @ 10' approx.	25X
WIDTH TYPE  Deck  STATUS:	NO. OF SPANS 7 LENGTH OF EACH SPAN  opped have been replace	1 @ 10' approx.	25X
Deck  STATUS:  2 bridge spans previously dr  spans - bridge now serviceab	NO. OF SPANS 7 LENGTH OF EACH SPAN  opped have been replace	1 @ 10' approx.	25X
Deck  STATUS:  2 bridge spans previously dr spans - bridge now serviceab	NO. OF SPANS 7 LENGTH OF EACH SPAN  opped have been replace	1 @ 10' approx.	25X
Deck  STATUS:  2 bridge spans previously dr	NO. OF SPANS 7 LENGTH OF EACH SPAN  opped have been replace	1 @ 10' approx.	25X
Deck  STATUS:  2 bridge spans previously dr spans - bridge now serviceab	NO. OF SPANS 7 LENGTH OF EACH SPAN  opped have been replace	1 @ 10' approx.	25X
Deck  STATUS:  2 bridge spans previously dr spans - bridge now serviceab  COMPENSATIVE ACTION:	NO. OF SPANS 7 LENGTH OF EACH SPAN  opped have been replace	1 @ 10' approx.	25X 25X



## Approved For Release 2002/08/12 DENTIAL RDP78T05161A001600050001-7

NAME Trai Tranh Xom Hwy. Bridge	COUNTRY	COORDINATES	
o. 2 over Khe Thuong NE Bridge No. 99 on NE 48-7	North Vietnam	18 05N - 105 48E WE 855988	2
		BRIEF NO: PIB 75059	— 2 2
MAP AMS L509 NE 48-7 LOCATION: 0.8 nm SE of Trai Tranh	Xom on Route 15	August 1966	-
	nom on nouse 1).		
LENGTH 10' approx.  TYPE Deck	MATERIAL WOOD NO. OF SPANS 3 LENGTH OF EACH SPAN		2 2

### COMPENSATIVE ACTION:

Spans and piers destroyed.

Ford



### Approved For Release 2002/08/12:DEA-RDP78T05161A001600050001-7

CIA IMA	GERY ANALYSIS DIVISION		
NAME Phuc Hoi Hwv. Bridge over Khe Mo Bridge No. 90 on NE 48-7	COUNTRY  North Vietnam	COORDINATES  18 06N - 105 47E  WF 837012	 25X1
MAP AMS L509 NE 48-7		PIB 75060 August 1966	25X1

LOCATION: 0.2 nm S of Phuc Hoi on Route 15.

### DESCRIPTION:

WIDTH
TYPE

60' approx.

Deck

MATERIAL Wood

NO. OF SPANS 3
LENGTH OF EACH SPAN 20' approx.

25X1

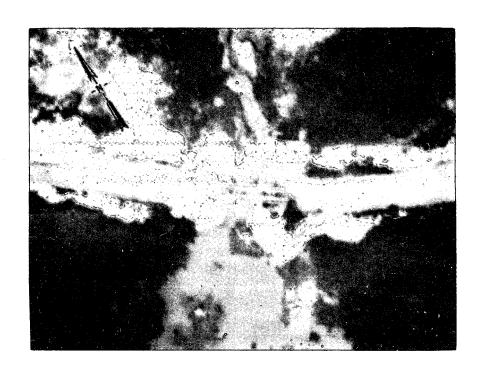
#### STATUS:

Bridge has been rebuilt with two piers. Stringers have been laid to support truck traffic.

### COMPENSATIVE ACTION:

By-pass bridge to southwest.





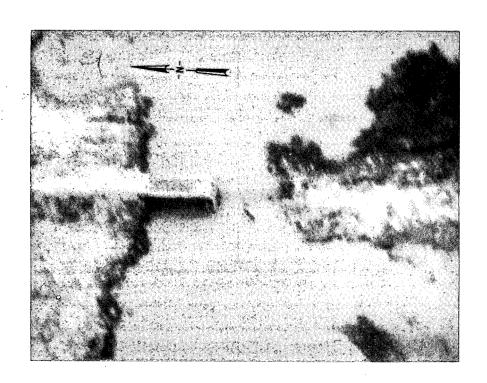
### Approved For Release 2002/08/12 : CIA-RDP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION NAME Duc Pho Hwy. Bridge NW over COUNTRY COORDINATES stream 17 26N - 106 36E 25X1 XE 707293 Bridge No. 47 on NE 48-12 North Vietnam BRIEF NO: 25X1 PIB 75061 MAP August 1966 LOCATION: 0.7 nm NW of Duc Pho on the abandoned rail line west of Dong Hoi. DESCRIPTION: LENGTH MATERIAL Concrete 90' approx. WIDTH 25X1 TYPE LENGTH OF EACH SPAN 45' approx. Deck

STATUS:

1 span destroyed.

COMPENSATIVE ACTION:



### Approved For Release 2002/08/12 PMTRDP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Phu Le RR. Bridge		17 36N - 106 28E	
Bridge No. 45 on NE 48-11	North Vietnam	XE 562479	
···		BRIEF NO:	<del></del>
		PIB 75062	25X′
MAP AMS L509 NE 48-11		July 1966	

LOCATION: 1.1 nm SE of Phu Le on the abandoned Vinh/Dong Hoi Rail Line.

### DESCRIPTION:

LENGTH 100' approx.

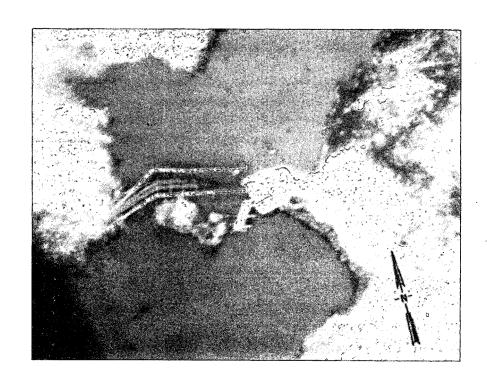
WIDTH 15' approx. (Single track)
Half-through truss

MATERIAL Steel and concrete
NO. OF SPANS 2 probable
LENGTH OF EACH SPAN 50' approx.

### STATUS:

Destroyed; both spans dropped; abutments heavily damaged.

### COMPENSATIVE ACTION:



### Approved For Release 2002/08/17 ENTRAP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
NAME Kim Lu Xa RR. Bridge over	COUNTRY	COORDINATES	<del></del>
Khe Dan		17 57N - 105 58E	25X1
Bridge No. 44 on NE 48-11	North Vietnam	XE 021848	
		BRIEF NO:	 25X1
		PIB 75063	23/1
MAP AMS L509 NE 48-11		August 1966	

LOCATION: O.1 nm N of Kim Lu Xa on Vinh/Dong Hoi RR.

### DESCRIPTION:

LENGTH WIDTH

TYPE

140' approx. (Single track)
Deck-beam w/lattice towers

MATERIAL Timber
NO. OF SPANS 2 probable
LENGTH OF EACH SPAN 70' approx.

Timber

### STATUS:

Both spans destroyed; 1 pier, 1 abutment intact.

### COMPENSATIVE ACTION:



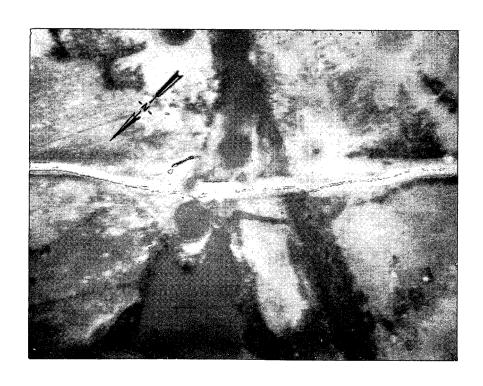
## Approved For Release 2002/08/12 : CIA-RDP78T05161A001600050001-7

(	LIA IMAGERY ANALYSIS DIVISION		
Vinh Tuy Hwy. Bridge Bridge No. 48 on NE 48-12	COUNTRY  North Vietnam	COORDINATES 17 23N - 106 37E XE 722220	
MAP AMS L509 NE 48-	12	BRIEF NO: PIB 75064 August 1966	25X1
LOCATION: 0.5 nm SW of Vinh	Tuy on Route 101.		_
LENGTH WIDTH 20 approx. TYPE Deck	material Concrete no. of spans 4 prob LENGTH OF EACH SPAN		25X1

### STATUS:

l abutment destroyed and l damaged; l span dropped; serviceable to foot traffic.

### COMPENSATIVE ACTION:

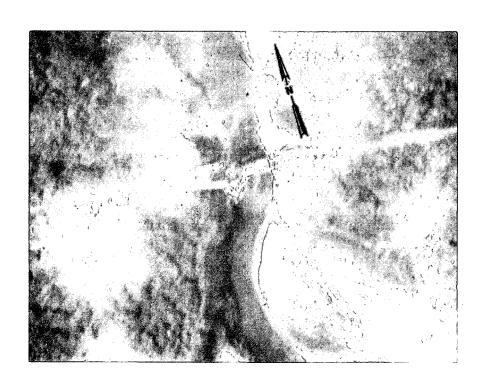


### Approved For Release 200208/120 CMFRQP78T05161A001600050001-7

	CIA IMAG	ERY ANALYSIS DIVISION		
Khe Ac	oc Trach RR. Bridge over	COUNTRY  North Vietnam	COORDINATES 18 08N - 105 44E WF 781050	 25X 
MAP	AMS L509 NE 48-7		BRIEF NO: PIB 75065 July 1966	25X
LOCATION:	1.5 nm NW of Phuc Trach c	on Vinh/Dong Hoi Rail	Line.	_
LENGTH WIDTH Type	40' approx. Single track Deck	material Steel and no. of spans 1 length of each span	concrete 40' approx.	25X
STATUS:				

### COMPENSATIVE ACTION:

Span destroyed, abutments intact.



## Approved For Release 2002/08/17 ENTRAP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION	
NAME Thanh Yen Hwy. Bridge over Raoda Bridge No. 2 on NE 48-12	COUNTRY  North Vietnam	COORDINATES
MAP AMS L509 NE 48-12 LOCATION: 0.5 nm S of Thanh Yen on 1	Route LA.	BRIEF NO: 25X PIB 75066 August 1966
DESCRIPTION:  LENGTH WIDTH TYPE  Deck and half-through true	NO. OF SPANS 8 (6 cond	d concrete 25X crete deck, 2 steel truss) 25X
5 concrete, deck-spans destroyed destroyed.	d; 2 steel truss spans	damaged, 3 piers
COMPENSATIVE ACTION:		
Ford		
		25X



### Approved For Release 2002/98/12 DEMTRAP78T05161A001600050001-7

	CIA IMAGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES	<del></del>
Dong Tru Hwy. Bridge Bridge No. 100 on NE 48-7	North Vietnam	18 10N - 106 15E XF 330095	
MAP AMS L509 NE 48.	<b>-</b> 7	BRIEF NO: PIB 75067 August 1966	 25X′
	ng Tru on unnumbered route.		<del></del> .
DESCRIPTION:			
LENGTH WIDTH TYPE	material Wood no. of spans 6 ap <u>pro:</u> length of each span	x	25X1

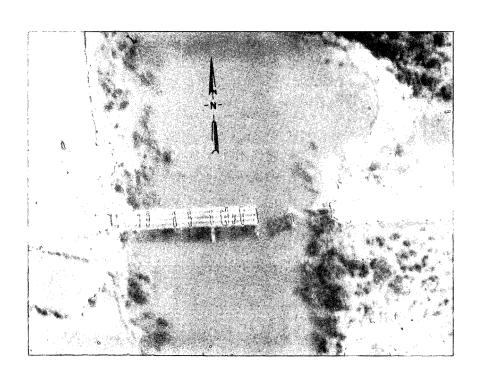
25X1

STATUS:

Two spans destroyed, decking off.

### COMPENSATIVE ACTION:

Deck



### Approved For Release 2002/08/12 . CIA-RDR78T05161A001600050001-7

CIA IMÁG	ERY ANALYSIS DIVISION		
NAME Lang Met Hwy. Bridge over	COUNTRY	COORDINATES	 25X <sup>-</sup>
Song Thuong	77 12 77	21 30N - 106 21E	23/
Bridge No. 3 on NF 48-11	North Vietnam	XJ 399782	- 25X
		BRIEF NO:	257
		PIB 75068	
MAP AMS L509 NF 48-11		August 1966	
LOCATION: 0.3 nm NE of Lang Met on	Route 1A.		

### DESCRIPTION:

LENGTH WIDTH TYPE

180' approx.

15' approx.

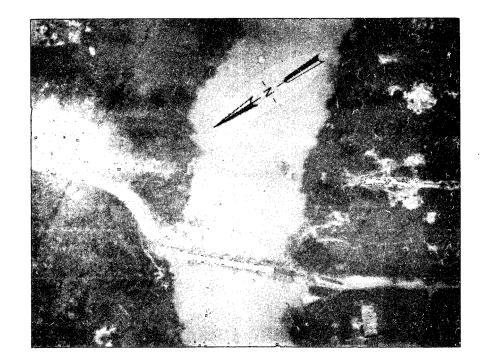
Length of Each span 45' approx.

#### STATUS:

4 spans destroyed, 2 piers destroyed.

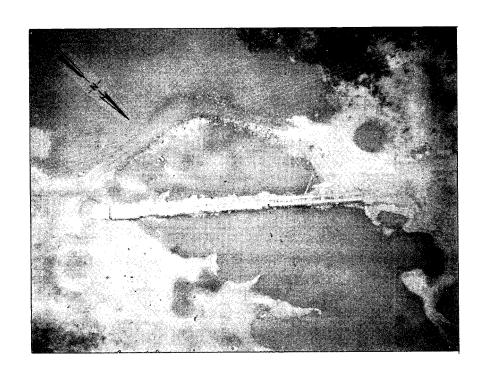
### COMPENSATIVE ACTION:

- 1. Steel cables strung across river. No movable decks visible.
- 2. By-pass pontoon bridge.



## Approved For Release 2002/08/12 DENTIAL PROP78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		
NAME La Khe Thon Hwy. Bridge Bridge No. 60 on NE 48-7	COUNTRY  North Vietnam	18 03N - 105 49E WE 872973	
MAP AMS 1509 NE 48-7		BRIEF NO: PIB 75069 August 1966	25X1
LOCATION: 0.8 nm SE of La Khe Thon	on Route 15.		<u> </u>
DESCRIPTION: LENGTH WIDTH	MATERIAL WOOD,	concrete	25X1
Deck	LENGTH OF EACH SPAN		25X1
STATUS: All spans repaired except south	h span and south abut	ment.	
COMPENSATIVE ACTION:			
NOTE: Bridge being converted La Khe Thon RR. Bridge	into railroad <u>by-pass</u> over Ngan Sau	bridge for the	25X1
	7		25X1



### Approved For Release 2002/08/12: CARDP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Dong Tam Hwy. Bridge		17 50N - 106 06E XE 166714	
Dong Tam Hwy. Bridge Bridge No. 18 on NE 48-11	North Vietnam	XE 166714	
		BRIEF NO:	25X1
		PIB 75070	23/1
MAP AMS 7,509 NT 48-11		August 1966	

LOCATION: 0.3 nm SW of Dong Tam on abandoned Vinh/Dong Hoi RR.

#### DESCRIPTION:

width 15' approx.

Deck

material Timber

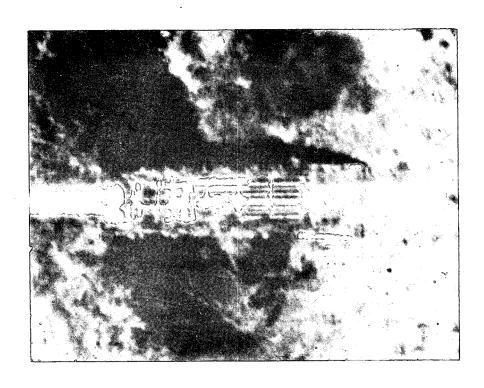
no. of spans 3 probable
LENGTH OF EACH SPAN 20' approx.

### STATUS:

Bridge decking off.

### COMPENSATIVE ACTION:

None



### Approved For Release 2002/08/17/DENTRAP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
N AME	COUNTRY	COORDINATES	
Xom Lang RR. Bridge		17 35N <b>-</b> 106 30E	
Bridge No. 49 on NE 48-12	North Vietnam	XE 603453	
		BRIEF NO:	
		PIB 75071	25X
MAP AMS L509 NE 48-12		August 1966	

LOCATION: 0.3 nm N of Xom Lang on the Vinh/Dong Hoi RR.

### DESCRIPTION:

LENGTH WIDTH

85' approx.

TYPE

10' approx. Half-through truss

MATERIAL Steel and concrete

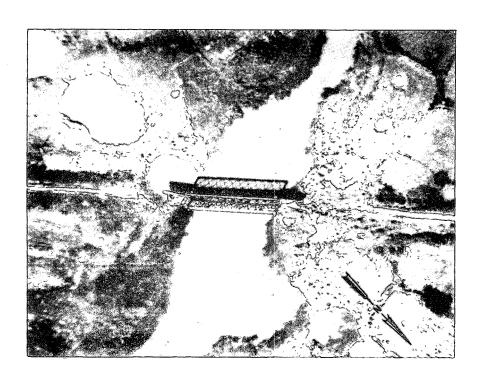
NO. OF SPANS

LENGTH OF EACH SPAN 85' approx.

#### STATUS:

Moderate damage to one abutment.

### COMPENSATIVE ACTION:



### Approved For Release 2002041202147078T05161A001600050001-7

CIA	IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES	
Dia Dong Hwy. Bridge		18 06N - 106 16E	
Bridge No. 26 on NE 48-7	North Vietnam	XF 350020	
		BRIEF NO:	
		PIB 75072	25X
MAP AMS L509 NE 48-7		August 1966	
LOCATION: 0.5 nm SE of Dia Don	g on Route LA.		

### DESCRIPTION:

WIDTH
TYPE

120' approx.

Deck

material Concrete
no. of spans 3
LENGTH OF EACH SPAN 40 approx.

25X1

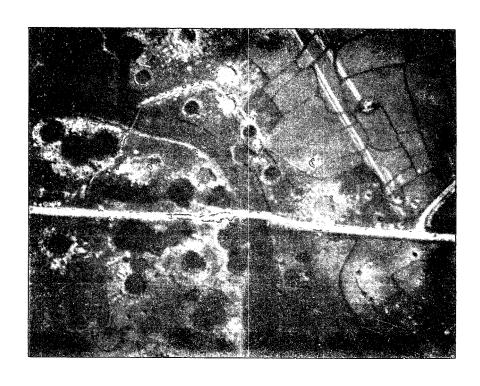
### STATUS:

3 spans destroyed, 2 piers damaged.

### COMPENSATIVE ACTION:

Rockfill causeway and temporary timber span approximately 15' in length.





## Approved For Release 20020817 PP 78T05161A001600050001-7

CIA	MAGERY ANALYSIS DIVISION		
NAME My Tho Hwy. Bridge Bridge No. 16 on NE 48-12	North Vietnam	COORDINATES 17 12N - 106 51E XE 963030	
MAP AMS L509 NE 48-12 LOCATION: 0.3 nm N of My Tho		PIB 75073 August 1966	25
DESCRIPTION:  LENGTH 70' approx.  WIDTH TYPE  Deck	material Concrete no. of spans 2 length of each span	-	25
status: Repaired and serviceable	•		
compensative action: Ford adjacent to bridge.			



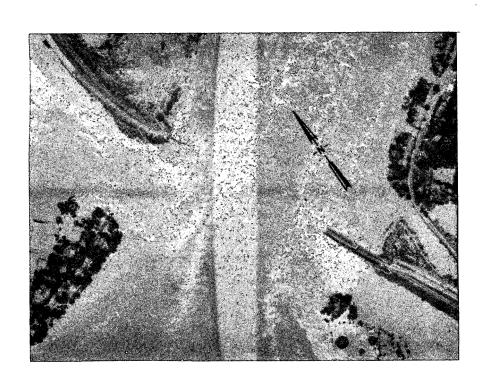
#### 25X1 CIA IMAGERY ANALYSIS DIVISION COORDINATES COUNTRY NAME Viet Tri RR. and Hwy. 21 17N - 105 26E 25X1 over Riviere Claire WJ 466550 Bridge No. 11 on NF 48-11 North Vietnam BRIEF NO: 25X1 PIB 75074 August 1966 MAP NF 48-1 0.7 nm E of Viet Tri on the Hanoi/Lao Cai Rail Line and Route 2. LOCATION: DESCRIPTION: Steel and concrete MATERIAL LENGTH 1000' approx. (Single track) No. of spans 4 (Single track) LENGTH OF EACH SPAN 250' approx. WIDTH 25X1 TYPE Through truss

STATUS:

3 spans and 2 piers destroyed. Abutments intact.

### COMPENSATIVE ACTION:

None



GROUP 1: EXCLUDED FROM AUTOMATIC DOWNGRADING AND DECLASSIFICATION

# Approved For Release 2002/08/12 DENTRAP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		<del></del>
NAME Quang Ich Hwy. Bridge S over	COUNTRY	COORDINATES	
Khe Ca		18 08 <b>n -</b> 106 15E	25X1
Bridge No. 44 on NE 48-7	North Vietnam	XF 330060	20/(1
		BRIEF NO:	<b>–</b> 25X1
		PIB 75075	23/1
MAP AMS L509 NE 48-7		August 1966	
LOCATION: O.1 nm W of Quang Ich on	Route 1A.		

### DESCRIPTION:

WIDTH
TYPE
UPCK

material Concrete
no. of spans 3
Length of Each span 25 approx.

25X1

### STATUS:

Two spans, 1 abutment, and 1 pier destroyed.

### COMPENSATIVE ACTION:

Ford

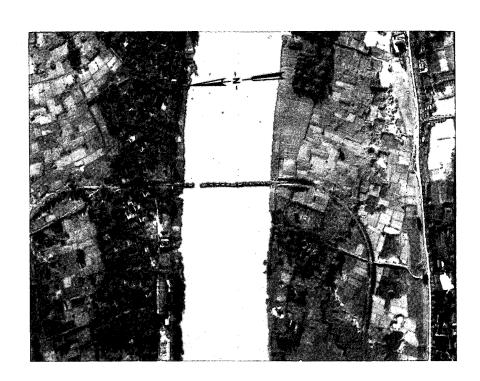


### Approved For Release 2002/09/12 DCIN-708/178T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION NAME COORDINATES COUNTRY 19 58N - 105 51E Dong Phong Thuong RR. By-Pass E WH 890090 North Vietnam Bridge No. 6 on NE 48-3 BRIEF NO: 25X1 PIB 75076 August 1966 MAP AMS L509 LOCATION: 0.4 nm SE of Dong Phong Thuong on the Hanoi/Thanh Hoa Vinh Rail Line. DESCRIPTION: Timber LENGTH 300' approx. 25X1 NO. OF SPANS 20 approx. WIDTH Single track LENGTH OF EACH SPAN 10 @ 20' approx. TYPE Deck-beam supported by 10 @ 10' approx. lattice towers STATUS: 1 span dropped; several spans out of alignment.

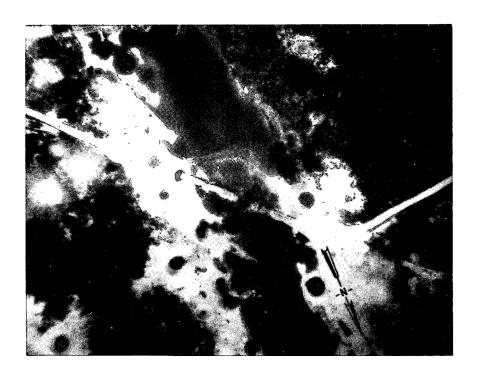
### COMPENSATIVE ACTION:

Existing rail by-pass West.



## Approved For Release 2002/08/11/DENA-PAP78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		
NAME La Khe Thon Hwy. Bridge Bridge No. 60 on NE 48-7	COUNTRY  North Vietnam	COORDINATES  18 03N - 105 49E  WE 872973	<del></del>
MAP AMS L509 NE 48-7		BRIEF NO: PIB 75077 August 1966	25X1
DESCRIPTION:  LENGTH WIDTH TYPE  Deck  STATUS:	MATERIAL Wood, cond NO. OF SPANS 11 LENGTH OF EACH SPAN	erete	25X1 25X1
4 spans destroyed, 1 pier destroyed, Ford	royed.		25X1



### Approved For Release 2002/09/12/1011/78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
Phuoc Due Hwy. Bridge No. 2 Bridge No. 35 on NE 48-12	COUNTRY . North Vietnam	COORDINATES 17 22N - 106 37E XE 725221	
MAP AMS L509 NE 48-12		BRIEF NO: PIB 75078 August 1966	25X

LOCATION: 0.5 nm N of Phuoc Due on abandoned rail line.

### DESCRIPTION:

WIDTH 10' approx.
TYPE Deck

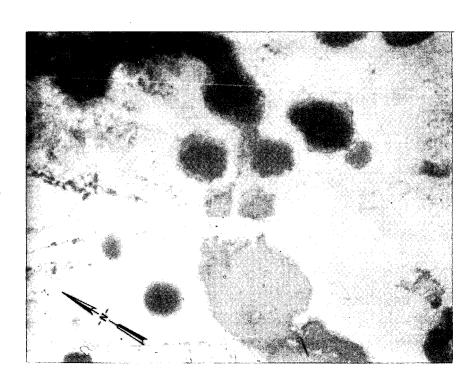
MATERIAL Wood, concrete
NO. OF SPANS 4 probable
LENGTH OF EACH SPAN 20: approx.

### STATUS:

Damaged - undergoing reconstruction.

### COMPENSATIVE ACTION:

By-pass bridge 500' to west.



### 

	RY ANALYSIS DIVISION		
NAME Dong Ca Thon RR. Bridge over	COUNTRY	COORDINATES	_
Cai Khe Bridge No. 48 on NE 48-11	North Vietnam	17 53N - 106 O1E XE 078787	25X1
		BRIEF NO: PIB 75079	25X1
MAP AMS L509 NE 48-11		August 1966	

0.6 nm S of Quang Hoa Phuong on Vinh/Dong Hoi Rail Line. LOCATION:

### DESCRIPTION:

LENGTH 100' approx. WIDTH

10' approx.

Probable through truss

MATERIAL Steel NO. OF SPANS

LENGTH OF EACH SPAN 100' approx.

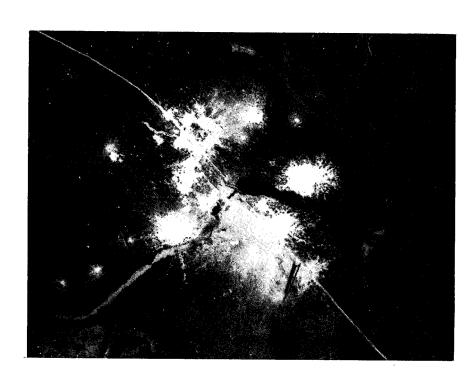
### STATUS:

TYPE

Span dropped, abutments intact.

### COMPENSATIVE ACTION:

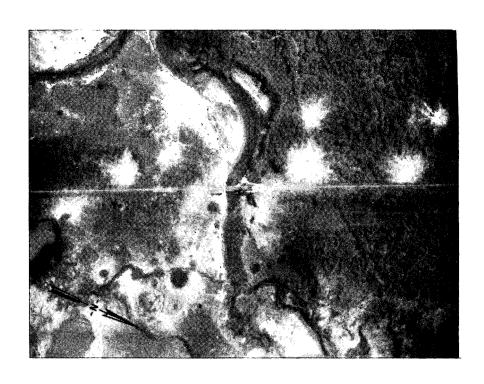
Possible by-pass bridge or culvert U/C.



# Approved For Release 2002/00/17 ENTROP78T05161A001600050001-7

		RY ANALYSIS DIVISION		
Khe Ac	Trach RR. Bridge over	COUNTRY  North Vietnam	18 08N - 105 44E WF 781050	 25X
MAP	AMS L509 NE 48-7		BRIEF NO: PIB 75080 August 1966	 25X
LOCATION:	1.5 nm NW of Phuc Trach of	on Vinh/Dong Hoi Rail	Line.	
DESCRIPTION	l:			
LENGTH WIDTH Type	40' approx. Single track Deck	material Steel and no. of spans 1 length of each span 1	d concrete 40' approx.	25X
status: Spai	n repaired, bridge now serv	viceable.		

COMPENSATIVE ACTION:
None



### Approved For Release 20020 F20 ENTROP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Xom Can Hwy. Bridge Bridge No. 101 on NE 48-7	North Vietnam	18 04N - 106 24E XE 485987	
MAP AMS L509 NE 48-7		PIB 75081 August 1966	25X1

LOCATION:

0.4 nm E of Xom Can on unnumbered route.

### DESCRIPTION:

LENGTH WIDTH 300' approx.
10' approx.

Deck

MATERIAL WOOD

NO. OF SPANS 20 approx.

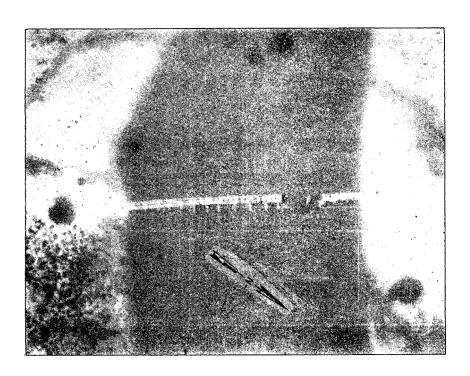
LENGTH OF EACH SPAN 15' approx.

### STATUS:

3 spans destroyed, 2 piers destroyed.

### COMPENSATIVE ACTION:

None



### Approved For Release 200209112 ENTROP78T05161A001600050001-7

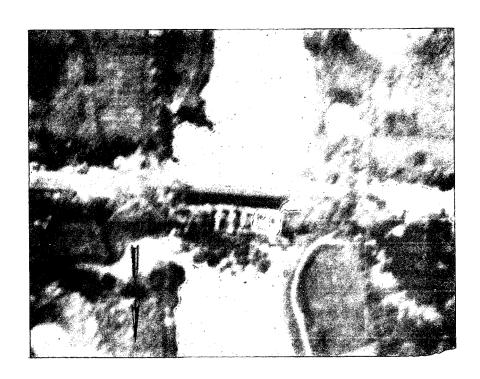
	CIA IMA	GERY ANALYSIS DIVISION		
stream Bridge N	Tho RR. Bridge E over o. 10 on NF 48-11	COUNTRY  North Vietnam	coordinates 21 24N - 105 13E WJ 241664	25X1
MAP	AMS L509 NF 48-11		BRIEF NO: PIB 75082 August 1966	25X1
LOCATION:	E edge of Phu Tho on th	e Hanoi/Lao Cai Rail Li	ne.	
DESCRIPTION LENGTH WIDTH TYPE	N: 80' approx. Single tra Deck	material Wood and ack) no. of spans Undeter Length of Each span U		25X1

### STATUS:

Original probable half-through truss dropped in stream.

### COMPENSATIVE ACTION:

A temporary replacement bridge placed on the old abutments appears serviceable.



## Approved For Release 2002/08/12 : CIA-RDP78T05161A001600050001-7

	ERY ANALYSIS DIVISION		<del>.</del>
stream Badon Hwy. Bridge ENE over	COUNTRY	COORDINATES 17 45N - 106 26E	— 25\
Bridge No. 49 on NE 48-11	North Vietnam	XE 520635 BRIEF NO:	25> —
MAP AMS L509 NE 48-11		PIB 75083	25>
LOCATION: 0.3 nm W of Phan Long on	Route 110.	August 1966	

### DESCRIPTION:

LENGTH 50' approx.
WIDTH 10' approx.
TYPE Deck

MATERIAL Concrete
NO. OF SPANS 2

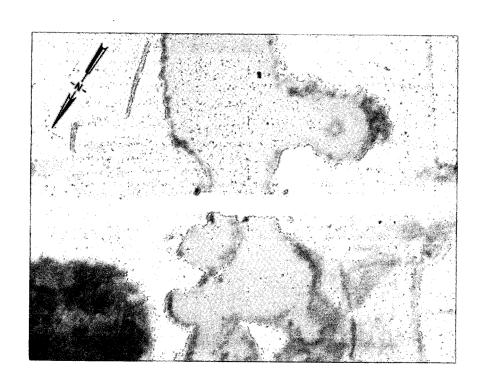
LENGTH OF EACH SPAN 25' approx.

### STATUS:

Slight damage to one span - serviceable.

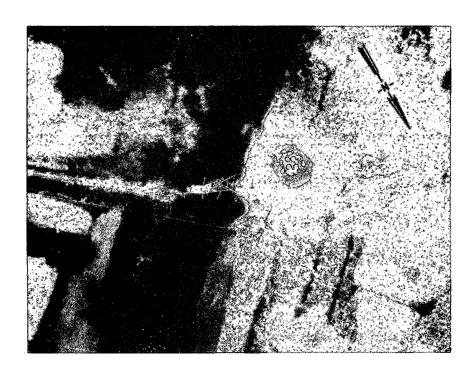
### COMPENSATIVE ACTION:

None



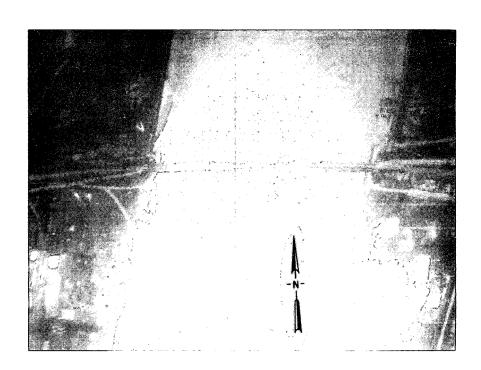
## Approved For Release 2002/09/12 | DEN-RD-78T05161A001600050001-7

	RY ANALYSIS DIVISION		
NAME Phuc Lam Thon Hwv. Bridge over	COUNTRY	COORDINATES	_
Khe Duc River		17 50N - 106 09E	2
Bridge No. 40 on NE 48-11	North Vietnam	XE 228728	
		BRIEF NO:	2
MARC TEAC MEDICAL		PIB 75084	
MAP AMS 1509 NE 48-11		August 1966	
LOCATION: At Phuc Lam Thon on Route	e 110.		
DESCRIPTION:			
LENGTH 30' approx.	material Wood		
WIDTH	NO. OF SPANS 3		2
Deck	LENGTH OF EACH SPAN -	lO' approx.	_
TATUS:			
2 spans destroyed.			
COMPENSATIVE ACTION:			
None company			
None apparent.			
			2



### Approved For Release 2002(0NF2) ENTRAP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
NAME Hai Duong RR. and Hwy. Bridge	COUNTRY	COORDINATES	<del></del>
over Thai Binh	North Vietnem	20 56N - 106 21E XJ 415163	25X1
Bridge No. 8 on NF 48-15	North Vietnam	BRIEF NO:	
		PIB 75085	25X1
MAP AMS L509 NF 48-15		August 1966	
LOCATION: 1.0 nm E of Hai Duong on H	Route 5 and Hanoi/Haip		<del></del>
DESCRIPTION:	, =	<u> </u>	
Through arch truss  Single track Single track Status:  Damaged spans replaced, bridge	LENGTH OF EACH SPAN	oncrete	25X1 25X1
COMPENSATIVE ACTION:			
None			
			25X1



## Approved For Release 2002/08/17 ENTRAL 78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		· ··-
NAME Tu Loan Hwy. Bridge SE over	COUNTRY	COORDINATES	
stream		17 48N - 106 26E	25X1
Bridge No. 36 on NE 48-11	North Vietnam	XE 522696	
		BRIEF NO:	25X1
		PIB 75086	20/(1
MAP AMS L509 NE 48-11		August 1966	

LOCATION:

0.8 nm NW of Nghia Nuong on Route LA.

### DESCRIPTION:

LENGTH WIDTH

30¹ approx.

TYPE

10' approx.

Deck

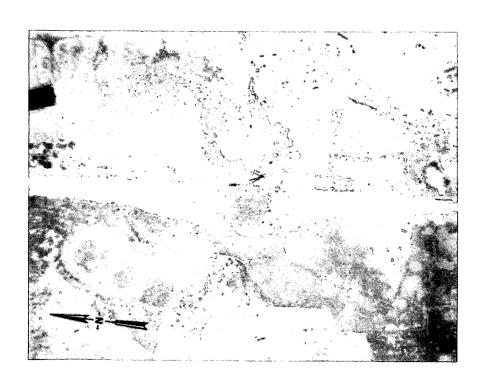
Concrete

LENGTH OF EACH SPAN 15' approx.

STATUS:
Bridge destroyed.

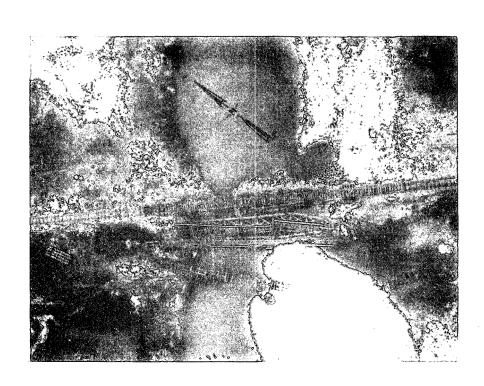
### COMPENSATIVE ACTION:

Ford



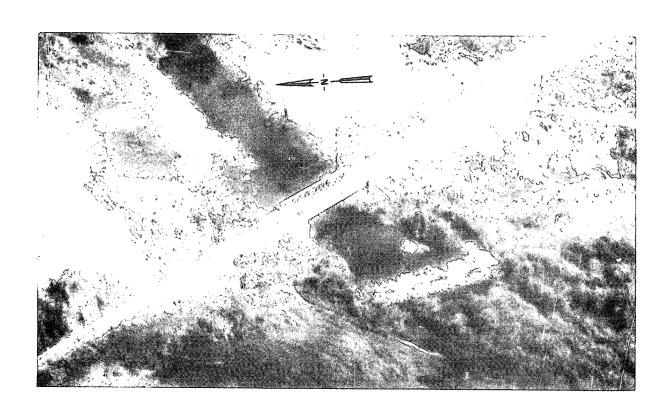
### Approved For Release 2002081120 PATROP78T05161A001600050001-7

CIA IMA	AGERY ANALYSIS DIVISION		
NAME Thi Long RR. Bridge Bridge No. 38 on NE 48-3	COUNTRY  North Vietnam	COORDINATES  19 30N - 105 44E  WG 770579	25X
MAP AMS 509 NE 48-3		BRIEF NO: PIB 75087 August 1966	25X
DESCRIPTION:  LENGTH WIDTH TYPE  Deck  O.l nm E of Dong Huong  (Single tr	on the Hanoi/Vinh Rail  MATERIAL Wood  ack) NO. OF SPANS 7 ap  LENGTH OF EACH SPAN	prox.	25X 25X
Replacement bridge complete	and serviceable.		
COMPENSATIVE ACTION: None			
			25V



# Approved For Release 200 2011 DEN TIAT 78T05161A001600050001-7

		RY ANALYSIS DIVISION		<del></del>
NAME Lang	Kay RR. Bridge over	COUNTRY	COORDINATES	<del></del>
Ngoi Chuc	:		22 03N - 104 29E	25>
Bridge No	3 on NF 48-6	North Vietnam	VK 472394	
			BRIEF NO:	 25〉
			PIB 75088	_0,
MAP	JOG (A) 1501 NF 48-6		August 1966	
LOCATION:	Approx. 1.4 nm SE of Lang	Kay on the Hanoi/Lac	o Cai Rail Line.	
DESCRIPTION	:			
LENGTH	75' approx.	material Steel as	nd concrete	
WIDTH Type	15' approx. (Single track)	NO. OF SPANS		
	Half-through truss	LENGTH OF EACH SPAN	75' approx.	
STATUS:				
	strike.			
COMPENSATIV	'E ACTION:			
NA				
+ +-				



### Approved For Release 2002081F2D ENTRAP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION				
NAME Lang Kay RR. Bridge over	COUNTRY	COORDINATES		
Ngoi Chuc		22 03N - 104 29E	25X1	
Bridge No. 3 on NF 48-6	North Vietnam	VK 472394	25/(	
		BRIEF NO:	25X1	
		PIB 75089	20/(	
MAP JOG (A) 1501 NF 48-6		August 1966		
LOCATION: Approximately 1 4 nm ST	E of Lang Kay on the Har	oi/Tao Cai Rail Line		

#### DESCRIPTION:

LENGTH HTGIW

TYPE

75' approx.

Half-through truss

MATERIAL Steel and concrete

15' approx. (Single track) NO. OF SPANS 1
Half through truck

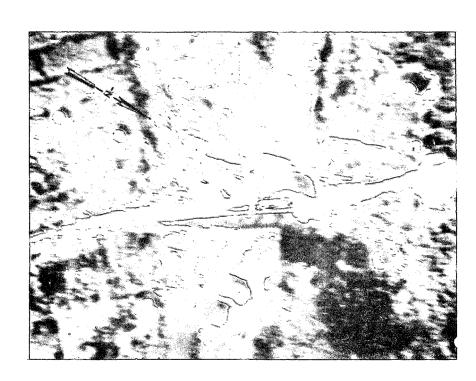
75' approx.

### STATUS:

Span dropped.

### COMPENSATIVE ACTION:

A single track, timber, probable 4 span, deck type bridge supported by lattice towers has been constructed alongside of the dropped steel span.



### Approved For Release 200@0117 PENTREP78T05161A001600050001-7

CIA IMAG	ERY ANALYSIS DIVISION		<del></del>
stream Bridge No. 12 on NE 48-7	COUNTRY  North Vietnam	COORDINATES 18 29N - 105 45E WF 792440	— 25X <sup>2</sup>
AND TOO I A VII TOO TOO TOO TOO		BRIEF NO: PIB 75090	25X′
MAP AMS JOG (A) 1501 NE 48 LOCATION: 0.4 nm SE of Dong Xa on	•	August 1966	<del></del>

### DESCRIPTION:

LENGTH WIDTH

50' approx. 10' approx.

Deck

MATERIAL Wood and concrete

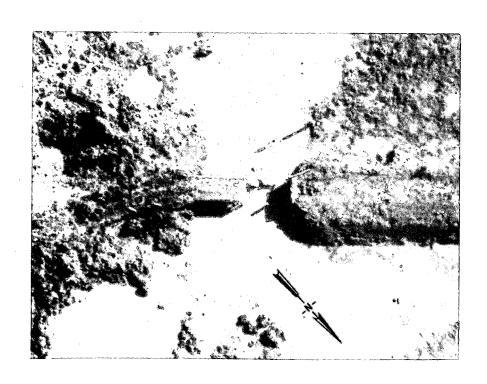
LENGTH OF EACH SPAN 25' approx.

### STATUS:

1 span destroyed; abutments intact.

### COMPENSATIVE ACTION:

None



### Approved For Release 20 (2018/11/2018/11/2016100050001-7

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	
Hoa Binh Hwy. Bridge Bridge No. 19 on NE 48-11	North Vietnam	17 51N - 106 26E XE 523740	
		BRIEF NO: PIB 75091	25X <sup>-</sup>
MAP AMS L509 NE 48-11		August 1966	

LOCATION: 0.6 nm S of Hoa Binh on Route 1A.

DESCRIPTION:

LENGTH WIDTH

30' approx. 15' approx.

MATERIAL CULLCECTOR NO. OF SPANS I LENGTH OF EACH SPAN 301 approx.

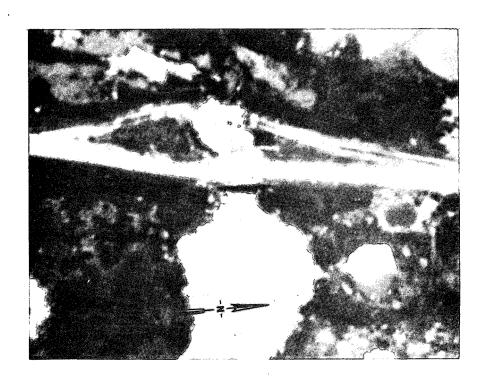
STATUS:

TYPE

Repaired and serviceable.

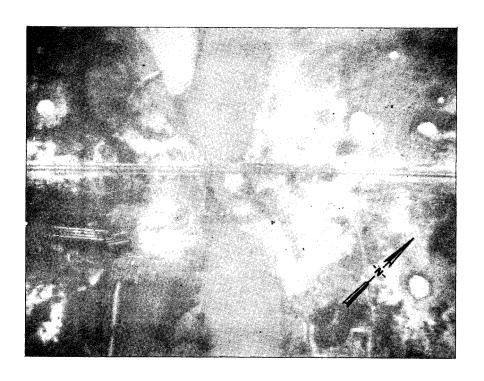
COMPENSATIVE ACTION:

None



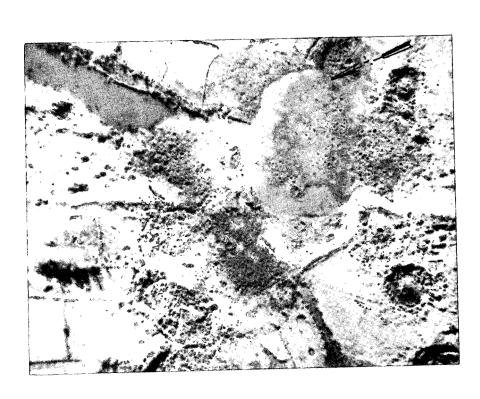
# Approved For Release 2002/08/12: CIA-RDP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
NAME Cao Nung RR. Bridge over Song Hoa Bridge No. 2 on NF 48-12	COUNTRY  North Vietnam	COORDINATES 21 33N - 106 29E XJ 554845	— 25X1 —
MAP AMS L509 NF 48-12	the Hanei /Dang Dang Po	BRIEF NO: PIB 75092 August 1966	25X1
DESCRIPTION:  LENGTH 175' approx. WIDTH TYPE (Single track Deck)  STATUS:  Repaired and serviceable. Deck of by-pass bridge has been	material Steel, conci no. of spans 3 length of each span 1 ( 1 (		25X1
COMPENSATIVE ACTION:			
			25X′



# Approved For Release 2002/09/110 ENT-ROP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
NAME Phuong Dinh Hwy. Bridge over	COUNTRY	COORDINATES	
stream Bridge No. 1 on NE 48-11	North Vietnam	17 50N - 106 26E XE 522728	25X
MAP JOG (A) 1501 NE 48-11		BRIEF NO: PIB 75093 August 1966	25X
LOCATION: 0.6 nm NW of Phuong Dinh	on Route LA.	August 1900	<del></del>
DESCRIPTION:  LENGTH WIDTH TYPE  Deck  STATUS:  Destroyed.	material Concrete no. of spans 1 length of each span		25X 25X
COMPENSATIVE ACTION:  New by-pass			257



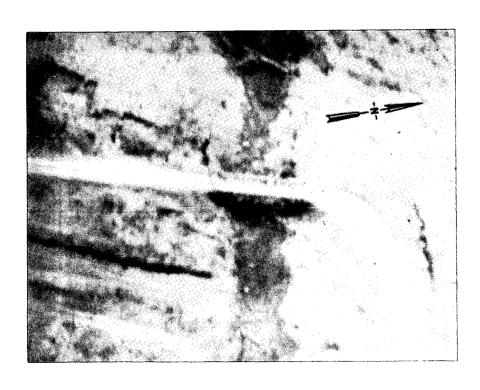
# Approved For Release 2002/08/12 : CIA-RDP78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		
NAME Thien Linh Dong Hwy. Bridge	COUNTRY	COORDINATES	
over Vi Giang		19 43N - 105 42E	25X <sup>-</sup>
Bridge No. 32 on NE 48-3	North Vietnam	WG 748809	
		BRIEF NO:	25X <sup>-</sup>
AMS 7500 PT 10 0		PIB 75094	20/(
MAP AMS L509 NE 48-3		August 1966	<del></del>
LOCATION: 0.5 nm W of Thien Linh Dong	on Route 704.		
DESCRIPTION:	material Wood		25X <sup>-</sup>
WIDTH 10' approx.	NO. OF SPANS		25/
Deck	LENGTH OF EACH SPAN		25X
			,
STATUS:			
Repaired and serviceable.			
COMPENSATIVE ACTION:			
2 pontoon by-pass bridges have	been dismantled SE of	f main bridge.	
			25X <sup>-</sup>



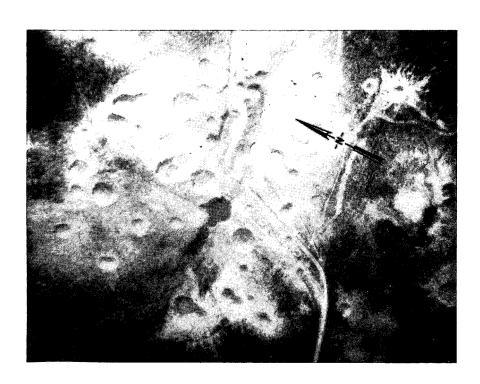
### Approved For Release 200**20NF2DENTRDE**78T05161A001600050001-7

CIA IM.	AGERY ANALYSIS DIVISION		
NAME Than Lang Xa Hwv. Bridge W	COUNTRY	COORDINATES	
over Kae Nong Bridge No. 46 on NE 48-11	North Vietnam	17 59N - 105 50E WE 889880	25
	·	BRIEF NO: PIB 75095	25
MAP AMS L509 NE 48-11 LOCATION: 0.8 nm W of Than Lang X	Ka on Route 15.	August 1966	
DESCRIPTION:			
width 40' approx.	material Concrete	and wood	0.1
Deck	LENGTH OF EACH SPAN	40' approx.	2
status: Pre-strike			
COMPENSATIVE ACTION:			
Ford			
		•	2!



## Approved For Release 2002/08/17 CMTRAP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
NAME Than Lang Xa Hwy. Bridge W	COUNTRY	COORDINATES	
over Kae Nong Bridge No. 46 on NE 48-11	North Vietnam	17 59N - 105 50E WE 889880	25
		BRIEF NO: PIB 75096	25
MAP AMS L509 NE 48-11		August 1966	
ocation: 0.8 nm W of Than Lang Xa o	n Route 15.		
DESCRIPTION:			
LENGTH 40' approx.	MATERIAL Concrete		
WIDTH	NO. OF SPANS   prob	able	2
Deck	LENGTH OF EACH SPAN	40' approx.	
TATUS:			
Span destroyed; abutments inta	ct.		
COMPENSATIVE ACTION:			
Ford			
			21



## Approved For Release 2002(08) F7D ENTRAP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
NAME Phuong Dinh Hwy. Bridge over	COUNTRY	COORDINATES	
stream Bridge No. 1 on NE 48-11	North Vietnam	17 50N - 106 26E XE 522728	25X1
		BRIEF NO: PIB 75097	25X1
MAP JOG (A) 1501 NE 48-11		August 1966	
LOCATION: 0.6 nm NW of Phuong Dinh o	n Route LA.		
DESCRIPTION:	_		
LENGTH Width	material Concrete		25X1
TYPE Deck	LENGTH OF EACH SPAN		25X1

### COMPENSATIVE ACTION:

By-pass with probable culvert.

l abutment moderately damaged; deck slightly damaged.



## Approved For Release 2002/08/12 CIA PDP78T05161A001600050001-7

21 02N - 104 19E VJ 295274	 25X´
BRIEF NO: PIB 75098 August 1966	25X <sup>2</sup>
	21 02N - 104 19E VJ 295274 BRIEF NO: PIB 75098

#### DESCRIPTION:

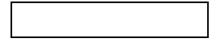
LENGTH	240' approx.	MATERIAL Concrete and steel	
WIDTH		NO. OF SPANS 2	25X <sup>2</sup>
TYPE	Half-through truss and deck	LENGTH OF EACH SPAN 1 @ 160' approx. 1 @ 80' approx.	207(

### STATUS:

The destroyed 160' truss span has been replaced by steel cables and probable removable decking. Abutment is repaired. Bridge probably serviceable.

### COMPENSATIVE ACTION:

Ford 400' N of bridge.





### Approved For Release 2002/03/17 | DEA-RD-78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		<del></del>
NAME Coi Khe Hwy. Bridge over	COUNTRY	COORDINATES	
Song Len Trib  Bridge No. 8 on NE 48-3	North Vietnam	19 59N - 105 55E WH 969096	25X1
bridge No. 0 on NE 40-3	North Vietnam	WIL 909090	OEV4
		PIB 75099	25X1
MAP JOG (A) 1501 NE 48-3		August 1966	
LOCATION: 0.6 nm NW of Giai Uan on un  DESCRIPTION: LENGTH	numbered route.		
WIDTH	NO. OF SPANS 11 prob	pable	25X1
Deck	LENGTH OF EACH SPAN		25X1
status: 4 spans and 3 piers destroyed.			

COMPENSATIVE ACTION:

Ferry



### Approved For Release 2002/09/12/10/21/17/8T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	<del></del>
Phuoc Due Hwy. Bridge No. 2		17 22N - 106 37E	
Bridge No. 35 on NE 48-12	North Vietnam	XE 725219	
	•	BRIEF NO:	25X
		PIB 75100	25/
MAP JOG (A) 1501 NE 48-12		August 1966	

LOCATION: 1.1 nm S of Phong Loi on abandoned rail line.

### DESCRIPTION:

width 10' approx.

Type Deck

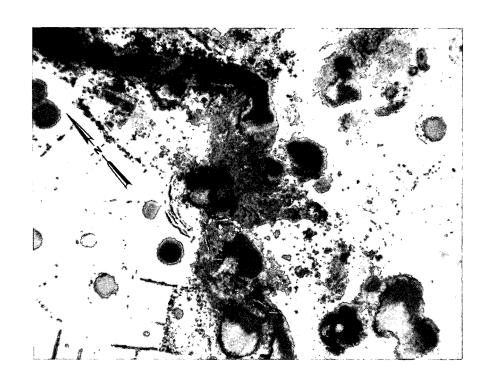
material Timber, concrete
no. of spans 4 probable
LENGTH OF EACH SPAN 20' approx.

### STATUS:

Completely destroyed.

### COMPENSATIVE ACTION:

Ford



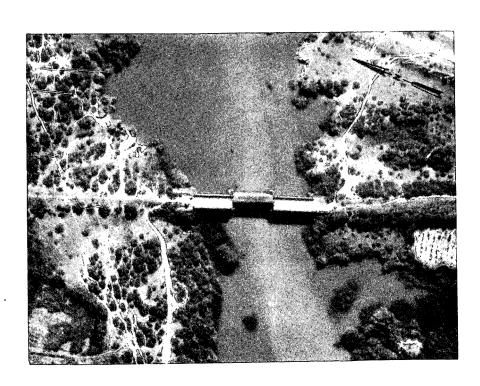
# Approved For Release 2002 00 17 DCIN 17 DCIN 17 8T05161A001600050001-7

CIA IMAG	SERY ANALYSIS DIVISION		
NAME Sa Lung RR. Bridge over Dao Truong Bridge No. 30 on NE 48-12	COUNTRY  North Vietnam	COORDINATES 17 02N - 106 58E YD 103853	25X1
MAP JOG (A) 1501 NE 48-12		BRIEF NO: PIB 75101 August 1966	25X1
	the abandoned Rail Line	S of Dong Hoi.	_
DESCRIPTION:  LENGTH WIDTH	MATERIAL Concrete		25X1
TYPE Deck	LENGTH OF EACH SPAN		25X′
STATUS:		<u> </u>	

l span dropped.

### COMPENSATIVE ACTION:

None



### Approved For Release 200 (2001) DENTIAP 78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	<del></del>
Tram Trung Hwy. Bridge		17 10N - 106 55E	
Bridge No. 10 on NE 48-12	North Vietnam	YD 032991	
		BRIEF NO:	
		PIB 75102	25X <sup>2</sup>
MAP AMS L509 NE 48-12		August 1966	

LOCATION: 0.8 nm W of Tram Trung on Route 1A.

### DESCRIPTION:

LENGTH 65' approx.
TYPE 15' approx.
Deck

MATERIAL Concrete
NO. OF SPANS 1
LENGTH OF EACH SPAN 65 | approx.

### STATUS:

Span destroyed, 1 abutment destroyed.

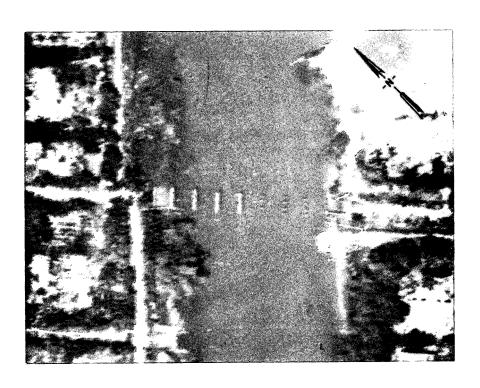
### COMPENSATIVE ACTION:

None



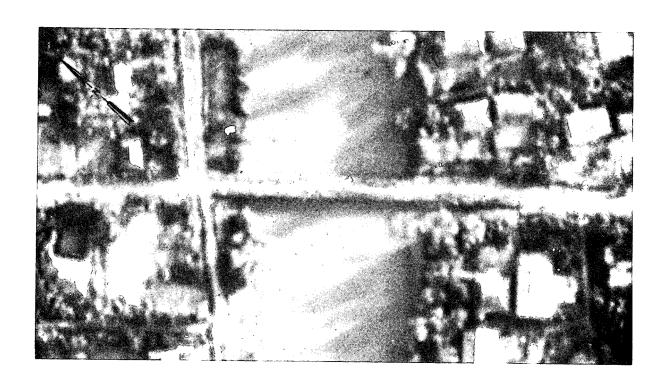
# Approved For Release 2002 68112 DENTIAL 78T05161A001600050001-7

CIA IM	AGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES	<del></del>
Uan Ao Hwy. Bridge		17 12N - 106 48E	
Bridge No. 29 on NE 48-12	North Vietnam	XE 918039	
		BRIEF NO:	 25X
		PIB 75103	23/
MAP JOG (A) 1501 NE 48-12		August 1966	
LOCATION: 0.7 nm NW of Uan Ao on	an unnumbered route.		
DESCRIPTION:			
LENGTH	MATERIAL Timber		25X
WIDTH	NO. OF SPANS 9 appr	OX.	25/
TYPE L Deck	LENGTH OF EACH SPAN		25X
	L		
STATUS:			
8 spans destroyed; 4 piers	moderately damaged.		
COMPENSATIVE ACTION:			
Ferry			
			25X



# Approved For Release 2002/08/110:ENT-RDP78T05161A001600050001-7

CIA IMA	AGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES	
Uan Ao Hwy. Bridge		17 12N - 106 48E	
Bridge No. 29 on NE 48-12	North Vietnam	XE 918039	
		BRIEF NO:	
MAP JOG (A) 1501 NE 48-12		PIB 75104	
000 (A) 1)01 NE 40=12	<del></del>	August 1966	_
Location: 0.7 nm NW of Uan Ao on	an unnumbered route.		
DESCRIPTION:			
LENGTH	material Timber		
WIDTH	no. of spans 9 appr	ox.	
Deck Deck	LENGTH OF EACH SPAN		
	_		
STATUS:			
Pre-strike.			
COMPENSATIVE ACTION:			
None			



### Approved For Release 2002/03/17 | DIA-IRDR/78T05161A001600050001-7

CIA IMA	GERY ANALYSIS DIVISION		<del></del>
NAME Bau Khe Hwy. Bridge over	COUNTRY	COORDINATES	<del></del>
stream Bridge No. 15 on NE 48-12	North Vietnam	17 40N - 106 30E XE 601538	25X′
	1101 011 110 010111	BRIEF NO:	— 25X <sup>-</sup>
		PIB 75105	25/
MAP JOG (A) 1501 NE 48-1	2	August 1966	
LOCATION: 1.6 nm NW of Ly Hoa on	Route 1A.		

1.6 nm NW of Ly Hoa on Route LA.

#### DESCRIPTION:

LENGTH 120' approx. HTGIW 10' approx. TYPE Deck

MATERIAL Wood, concrete, and steel NO. OF SPANS LENGTH OF EACH SPAN 30' approx.

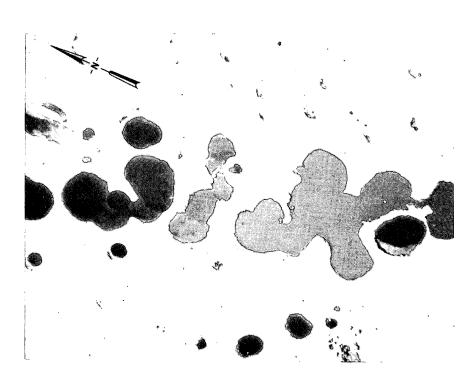
### STATUS:

Original bridge destroyed.

### COMPENSATIVE ACTION:

Destroyed bridge has been replaced by a combination earth causeway and singlespan bridge approx. 30' in length. Timber planks have been placed on both approaches of replacement bridge to prevent deterioration of road surface.





# Approved For Release 2002/08/17 DENTROP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
NAME Chieng Dong Hwy. Bridge over	COUNTRY	COORDINATES	_
Stream	North Vietnam	21 06N - 104 14E VJ 210339	25X′
		BRIEF NO:	_ osv
		PIB 75106	25X <sup>2</sup>
MAP AMS L509 NF 48-10		August 1966	

LOCATION: 0.3 nm W of Chieng Dong on Route 6.

### DESCRIPTION:

LENGTH 160' approx. WIDTH 20' approx. TYPE Deck

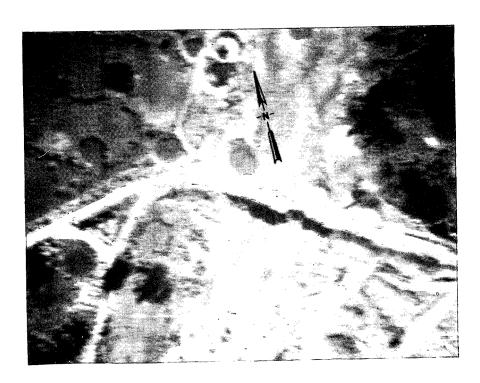
MATERIAL Concrete NO. OF SPANS LENGTH OF EACH SPAN 20' approx.

#### STATUS:

The 2 destroyed spans have been repaired; the 3 damaged spans have not been repaired; bridge is serviceable.

### COMPENSATIVE ACTION:

Ford



# Approved For Release 2002/08/12 CIA-RDP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
stream Bridge No. 19 on NF 48-10	COUNTRY  North Vietnam	COORDINATES 21 02N - 104 21E VJ 337257	— 25X^
MAP AMS L509 NF 48-10		BRIEF NO: PIB 75107 August 1966	25X

LOCATION: 0.5 nm SW of Ban Ta Vay on Route 6.

#### DESCRIPTION:

LENGTH 180' approx. WIDTH

MATERIAL Concrete NO. OF SPANS  $\downarrow$ LENGTH OF EACH SPAN 2 @ 55' approx. 2 @ 35' approx.

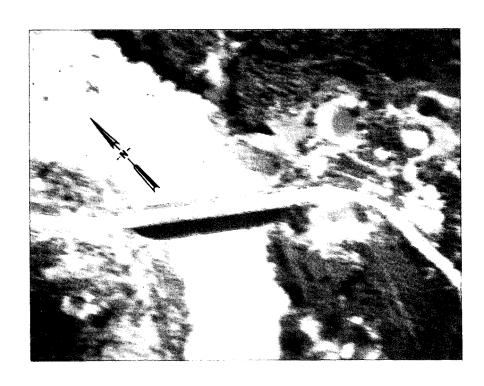
25X1

STATUS:

Repaired and serviceable.

### COMPENSATIVE ACTION:

NA



## Approved For Release 2002/08/12 CHARDR 8T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		
NAME Ha Tan Hwv. Bridge over stream	COUNTRY	COORDINATES	
		17 16N - 106 47E	25X1
Bridge No. 9 on NE 48-12	North Vietnam	XE 901098	20/(1
		BRIEF NO:	25X1
		PIB 75108	23/1
MAP JOG (A) 1501 NE 48-12		August 1966	

LOCATION: 0.5 nm NW of Ba Ngoat on Route 1A.

#### DESCRIPTION:

LENGTH 50' approx. WIDTH 10' approx. Deck

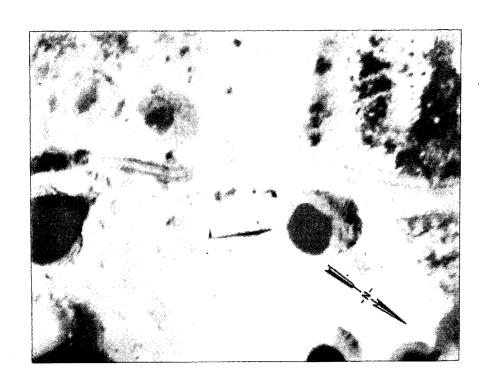
MATERIAL Concrete and wood LENGTH OF EACH SPAN 251 approx.

### STATUS:

1 span destroyed; 1 abutment damaged; 1 span dropped.

### COMPENSATIVE ACTION:

Ford/causeway



# Approved For Release 2002/08/12-161APP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION

NAME Ha Tan Hwv. Bridge over stream Country

Bridge No. 9 on NE 48-12

North Vietnam

BRIEF NO:
PIB 75109
August 1966

August 1966

LOCATION: 0.5 nm NW of Ba Ngoat on Route LA.

#### DESCRIPTION:

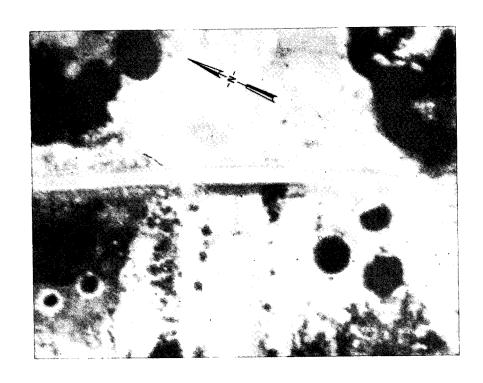
LENGTH 50' approx.
WIDTH
TYPE 10' approx.
Deck

MATERIAL Concrete and wood NO. OF SPANS 2 LENGTH OF EACH SPAN 25' approx.

STATUS:

Pre-strike.

COMPENSATIVE ACTION:



### Approved For Release 2002/08 (2) FIDE 105161A001600050001-7

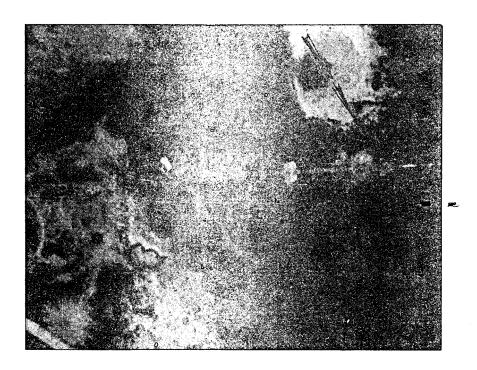
25X1

25X1

25X1

25X1

CIA IMAGE	RY ANALYSIS DIVISION		_
NAME La Khe Thon RR. Bridge over	COUNTRY	COORDINATES 18 03N - 105 49E	_
Bridge No. 13 on NE 48-7	North Vietnam	WE 876975  BRIEF NO: PIB 75110	Mine,
LOCATION: 0.8 nm SE of La Khe Thon on	the Vinh/Dong Hoi	August 1966 Rail Line.	_
DESCRIPTION:  LENGTH WIDTH TYPE  Deck beam and half-through truss  STATUS:  Two 70' spans dropped, one pier	NO. OF SPANS 8	steel, concrete	25X
COMPENSATIVE ACTION: None			

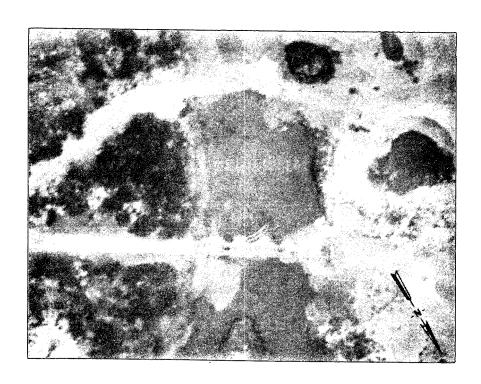


CONFIDENTIAL

GROUP 1
Excluded from automatic
downgrading and declassification

## Approved For Release 2002 08/12 02/07/78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION	· · · · · · · · · · · · · · · · · · ·	
NAME Hoan Lao Hwy. Bridge W over	COUNTRY	COORDINATES	
stream	77 17 77 1	17 35N - 106 3LE	25X1
Bridge No. 25 on NE 48-12	North Vietnam	XE 615455	
		BRIEF NO: PIB 75111	25X1
MAP AMS L509 NE 48-12		August 1966	
LOCATION: 0.5 nm SW of Xom Chua on F	Coute 107.		
DESCRIPTION:			
LENGTH	MATERIAL Wood, cond	rete	25X1
WIDTH TYPE	NO. OF SPANS 6		25X1
Deck			23/(1
STATUS:	_		
3 spans and 1 abutment previou of repair.	sly destroyed; bridge	is now in final stages	
or repair.			
COMPENSATIVE ACTION:			
By-pass causeway.			
· -			
			25X1
			23/



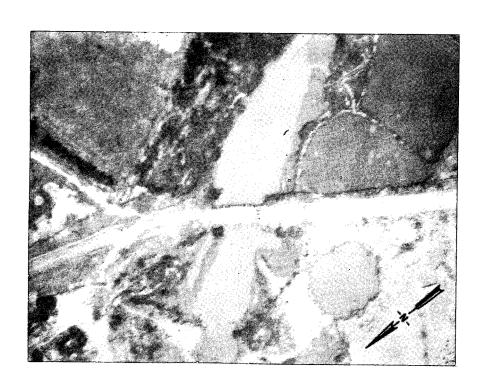
## Approved For Release 20(20)8/110 ENT-PAP78T05161A001600050001-7

	RY ANALYSIS DIVISION		<del>,</del>
NAME Hoan Lao Hwy. Bridge SW over	COUNTRY	COORDINATES	_
stream Bridge No. 20 on NE 48-12	North Vietnam	17 34N - 106 32E XE 628441	25X1
		BRIEF NO: PIB 75112	 25X1
MAP JOG (A) 1501 NE 48-12		August 1966	
LOCATION: 0.7 nm NW of Bau Diec on a	n unnumbered route.	1	
DESCRIPTION:			
LENGTH WIDTH	MATERIAL Timber		25X1
TYPE 10' approx.	no. of spans 3 probat	<u>ole</u>	
Deck  STATUS:	L		25X1

### COMPENSATIVE ACTION:

Moderate deck damage to 1 span.

None



## Approved For Release 2002/08/17 ENTRAP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES
Xom Phuong Hwy. Bridge Bridge No. 50 on NE 48-12	North Vietnam	17 31N - 106 34E XE 664381
		BRIEF NO:
		PIB 75113
MAP JOG (A) 1501 NE 48-	12	August 1966

25X1

LOCATION:

1.9 nm SE of Xom Phuong on Route 1A.

#### DESCRIPTION:

LENGTH WIDTH

TYPE

30' approx.
10' approx.

Deck

MATERIAL Concrete
NO. OF SPANS 1

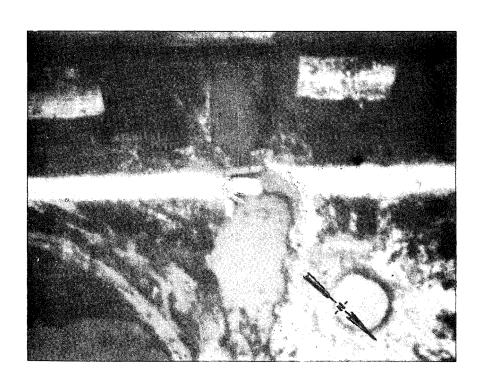
LENGTH OF EACH SPAN 30' approx.

#### STATUS:

Span dropped; 1 abutment destroyed.

#### COMPENSATIVE ACTION:

Ford



### Approved For Release 200000115ENTAIRDP78T05161A001600050001-7

CIA	MAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES	<del></del>
Quang Khe Hwy. Bridge No. 1 Bridge No. 38 on NE 48-11	North Vietnam	17 42N - 106 29E XE 568568	
		BRIEF NO:	
		PIB 75114	25X1
MAP AMS 1509 NE 48-11		T August 1966	

MATERIAL

NO. OF SPANS

LENGTH OF EACH SPAN

Concrete

40' approx.

LOCATION: 0.2 nm SW of Quang Khe on an unnumbered route.

#### DESCRIPTION:

LENGTH WIDTH

40' approx.

TYPE 10' approx.

Combination lock and

deck-type bridge

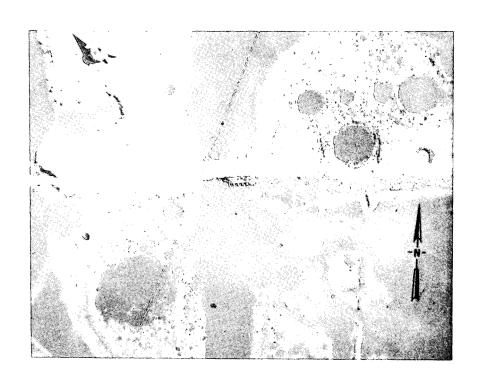
STATUS:

Severe damage to bridge span

#### COMPENSATIVE ACTION:

Crushed rock has been placed on deck of bridge. Bridge is now serviceable.





### Approved For Release 2000 NF1 PENTAL PDP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES
Quang Khe Hwy. Bridge No. 2		17 42N - 106 29E
Bridge No. 39 on NE 48-11	North Vietnam	XE 567568
<del>-</del>	-	BRIEF NO:
		PIB 75115
MAP AMS L509 NE 48-11		August 1966

MATERIAL Concrete

LENGTH OF EACH SPAN 401 approx.

NO. OF SPANS

25X1

LOCATION: 0.2 nm SW of Quang Khe on an unnumbered route.

#### DESCRIPTION:

WIDTH 10' approx.
TYPE 10' approx.

Combination lock and

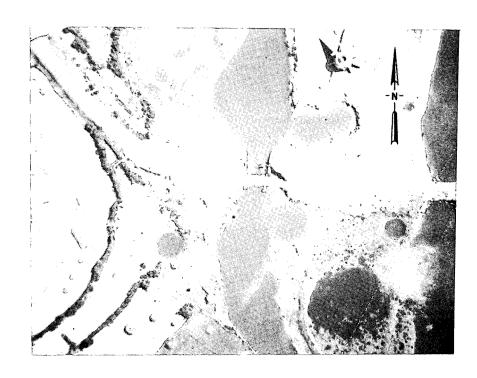
deck-type bridge

STATUS:

Completely destroyed.

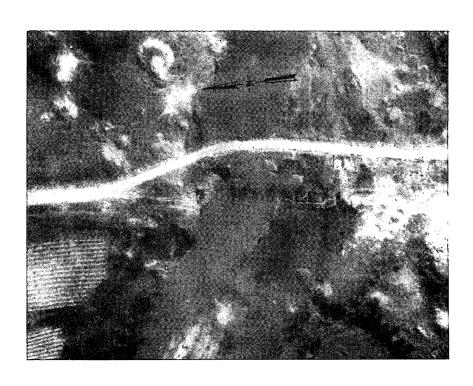
#### COMPENSATIVE ACTION:

Crushed rock causeway replaces original bridge.



# Approved For Release 2002/08/10 ENT RDP78T05161A001600050001-7

	RY ANALYSIS DIVISION	
AME Ky Anh Hwv. Bridge over Song	COUNTRY	COORDINATES
Cau Tri		18 04N - 106 18E
Bridge No. 34 on NE 48-7	North Vietnam	XE 371981
		BRIEF NO:
		PIB 75116
MAP AMS L509 NE 48-7		August 1966
ocation: 0.7 nm SE of Bien Due on R	oute lA.	
ESCRIPTION:		
LENGTH	material Wood and	concrete
width 200; approx.	NO. OF SPANS	001101 0 00
TYPE	LENGTH OF EACH SPAN	20 approx
Deck		
TATUS:		
All spans destroyed, 4 piers de	estroyed, 7 piers he	avily damaged.
. , .	, , ,	ů S
ANDENSATIVE ACTION		
OMPENSATIVE ACTION:		
Causeway.		



## Approved For Release 2002/08/12 PMTRAP78T05161A001600050001-7

RY ANALYSIS DIVISION		<del></del> -
COUNTRY	COORDINATES	_
	18 38N - 105 39E	
North Vietnam	WF 692608	25X1
	BRIEF NO:	
	PIB 75117	25X1
		COUNTRY COORDINATES  18 38N - 105 39E  North Vietnam WF 692608

LOCATION: 0.5 nm N of Do Yen on Vinh/Dong Hoi Rail Line.

#### DESCRIPTION:

WIDTH TYPE 60' approx.
10' approx.

Deck

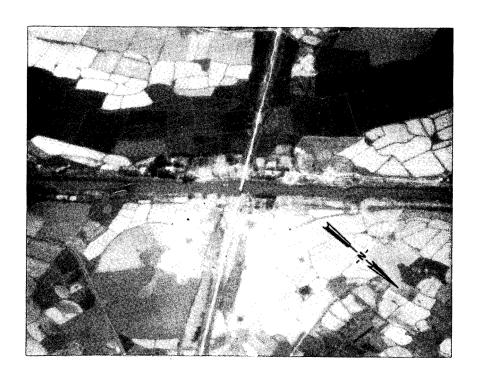
MATERIAL Concrete and steel NO. OF SPANS 4 probable LENGTH OF EACH SPAN 15' approx.

#### STATUS:

1 span destroyed; 1 abutment damaged.

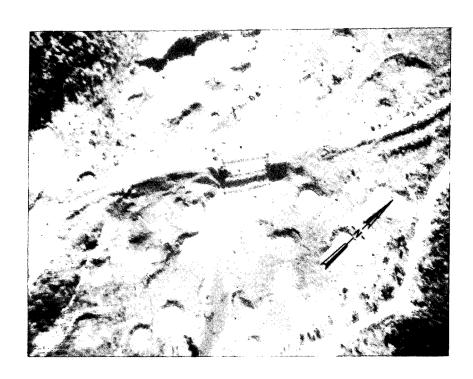
#### COMPENSATIVE ACTION:

None



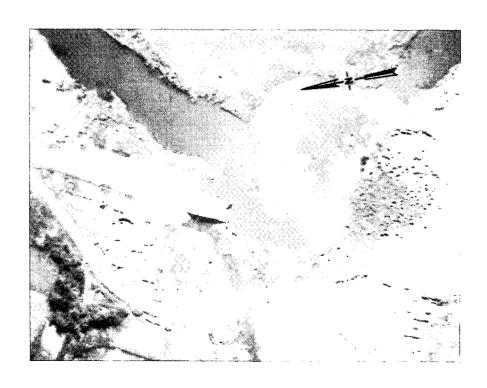
## Approved For Release 200200017 PP PRP78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		
NAME Trai Hut RR. Bridge over Nam	COUNTRY	COORDINATES	<del></del>
Lam		21 57N - 104 36E	25X1
Bridge No. 9 on NF 48-10	North Vietnam	VK 590290	_ 25/(1
		PIB 75118	 25X1
MAP AMS L509 NF 48-10  LOCATION: 0.2 nm SE of Trai Hut on the		August 1966	
DESCRIPTION:  LENGTH 65' approx. WIDTH TYPE (Single track) Half-through truss)	MATERIAL Steel and NO. OF SPANS 1 LENGTH OF EACH SPAN 651		25X1
Repaired and serviceable.  COMPENSATIVE ACTION:  NA			



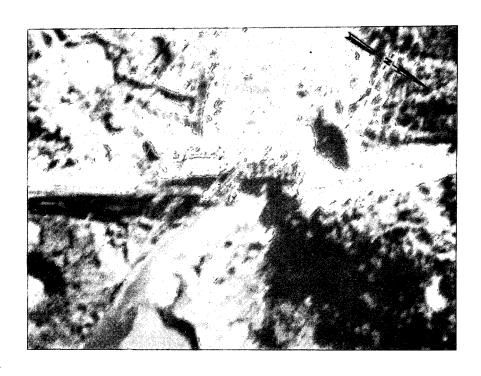
## Approved For Release 2002000120112011201161A001600050001-7

CIA IMAGEI	RY ANALYSIS DIVISION	· · · · · · · · · · · · · · · · · · ·	<del>- 11</del>
NAME Phuong Dinh Hwy. Bridge over	COUNTRY	COORDINATES	
stream Bridge No. 1 on NE 48-11	North Vietnam	17 50N - 106 26E XE 522728	25X1
MAP JOG (A) 1501 NE 48-11		BRIEF NO: PIB 75119 August 1966	25X1 
LOCATION: 0.6 nm NW of Phuong Dinh	on Route 1A.		
DESCRIPTION:  LENGTH WIDTH	MATERIAL Concrete		25X1
Deck	LENGTH OF EACH SPAN		25X1
status:  l span dropped; l abutment des	troyed; approach into	erdicted.	
COMPENSATIVE ACTION:			
By-pass with probable culvert.			
			25X1



# Approved For Release 2002/08/17 ENTROP78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		_
NAME Lang Kay RR. Bridge over Ngoi Chuc Bridge No. 3 on NF 48-6	COUNTRY  North Vietnam	COORDINATES 22 03N - 104 29E VK 472394	_ _25X1 _
MAP JOG (A) 1501 NF 48-6 LOCATION: Approximately 1.4 nm SE of	Lang Kay on the Hanoi/	BRIEF NO: PIB 75120 August 1966 Lao Cai Rail Line.	25X1 _
DESCRIPTION:  LENGTH WIDTH TYPE  Deck with lattice towers	material Timber no. of spans 4 Length of each span		25X1 25X1
STATUS: Original bridge span is dropped l pier damaged.	d; replacement bridge h	nas 2 spans destroyed,	
COMPENSATIVE ACTION:			
None			
			25X1



## Approved For Release 2002/08/12 CIA-RDB78T05161A001600050001-7

	RY ANALYSIS DIVISION		
NAME Lang Thip RR. Bridge over Ngoi Thip Bridge No. 5 on NF 48-6	COUNTRY  North Vietnam	COORDINATES 22 07N - 104 25E VK 398460	 25X1
MAP AMS L509 NF 48-6		BRIEF NO: PIB 75121 August 1966	25X1
LOCATION: 1.9 nm SW of Lang Thip on	the Hanoi/Lao Cai Rai		

#### DESCRIPTION:

LENGTH 80' approx. HTGIW

MATERIAL Concrete and steel

10' approx. (Single track) NO. OF SPANS

Half-through truss

NO. OF SPANS 2 LENGTH OF EACH SPAN 1 @ 10' approx., 1 @ 70' approx.

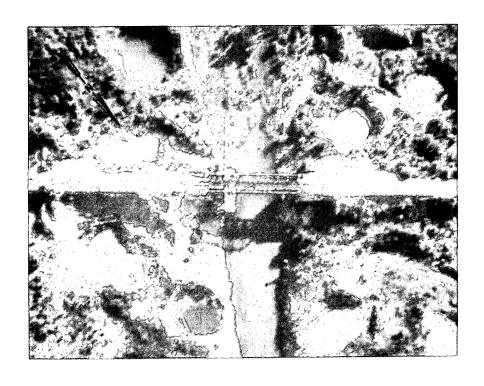
#### STATUS:

TYPE

Bridge has probably been damaged and repaired by the addition of a temporary pier.

#### COMPENSATIVE ACTION:

None



## Approved For Release 2002/08/12 CIA-RDP78T05161A001600050001-7

CIA	MAGERY ANALYSIS DIVISION		<del></del>
N AME	COUNTRY	COORDINATES	
Sa Long Hwy. Bridge		18 16N - 105 41E	
Bridge No. 74 on NE 48-7	North Vietnam	WF 620200	
		BRIEF NO:	<del></del>
		PIB 75122	25X1
MAP AMS L509 NE 48-7		August 1966	

LOCATION: 0.6 nm S of Sa Long on a by-pass for Route 15.

#### DESCRIPTION:

width
type

Length
40' approx.
Deck

MATERIAL Wood

NO. OF SPANS 2 probable
LENGTH OF EACH SPAN 201 approx.

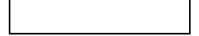
25X1

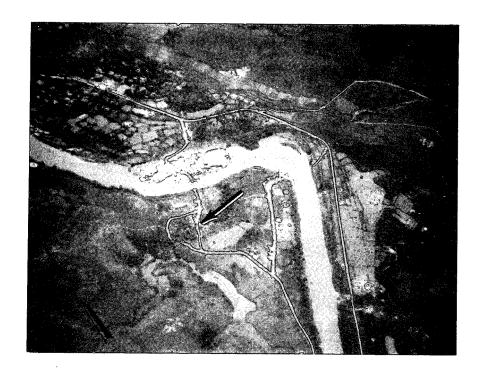
#### STATUS:

Original destroyed; bridge replaced by new deck-type bridge. (New bridge probably identical to original bridge.)

#### COMPENSATIVE ACTION:

l new by-pass ford; (l new by-pass ferry crossing serves both bridge No. 74 and nearby bridge No. 8).





# Approved For Release 2002/08/17 ENTRAP78T05161A001600050001-7

		RY ANALYSIS DIVISION		
	Phuong Hwy. Bridge S over	COUNTRY	COORDINATES	_
Song Dir.		77	17 32N - 106 33E	25
Briage N	Io. 22 on NE 48-12	North Vietnam	XE 646406	
			BRIEF NO:	25
MAP	AMS JOG 1501 (A) NE 48-1	2	PIB 75123	
LOCATION:	0.3 nm S of Xom Phuong on		August 1966	
	o. J min b or nom indong on	noute in.		
DESCRIPTIO	N:			
LENGTH	110' approx.	MATERIAL Concrete		
WIDTH	10' approx.	NO. OF SPAN'S 11		
TYPE	Deck	LENGTH OF EACH SPAN 10	O' approx.	
TATUS:				_
	ginal bridge destroyed; rep		troyed,	2
tin	iber replacement span modera	tely damaged.		_
	IVE ACTION:			
COMPENSAT				
compensat For	.a			



# Approved For Release 2002/08/12 - CIA-RDP78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES	_
Chieu Ung RR. Bridge		21 24N - 105 10E	
Bridge No. 13 on NF $48-11$	North Vietnam	WJ 183669	
		BRIEF NO:	_
		PIB 75124	25X1
MAP JOG (G) NF 48-11		August 1966	_
LOCATION: 0.4 nm E of Chieu Ung on 1	Hanoi/Lao Cai Rail Lind	e.	<b></b>

#### DESCRIPTION:

width
type

90' approx.
Deck

MATERIAL Concrete
NO. OF SPANS Undetermined
LENGTH OF EACH SPAN Undetermined

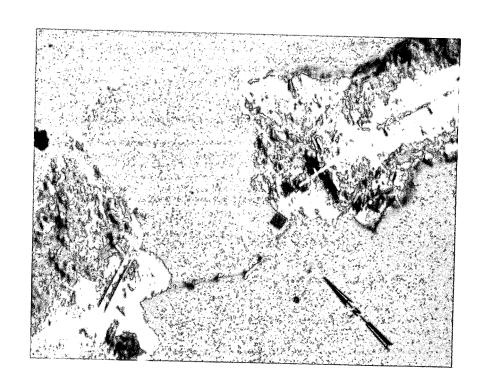
25X1

#### STATUS:

Completely destroyed.

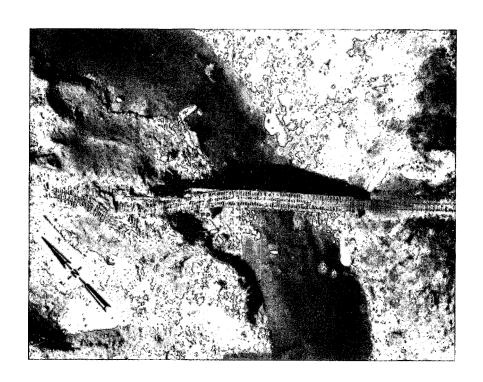
#### COMPENSATIVE ACTION:

Construction material observed in the area.



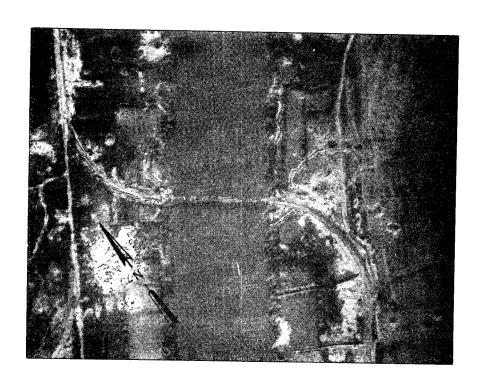
# Approved For Release 200208112 CNA FRIP78T05161A001600050001-7

	CIA IMAGERY ANALYSI	S DIVISION		
NAME Lang Khay RR. Bridge Ngoi Kay Bridge No. 8 on NF 48-6	over COUNTRY  North V	ietnam	COORDINATES   22 01N - 104 31E   YK 509362	
MAP AMS JOG (A) 1503			BRIEF NO: PIB 75125 August 1966	
DESCRIPTION:	Dong on Hanoi-Lao C	Timber and		
$\overline{12}$ approx.	ngle track) No. of Sp.	ANS 3 FEACH SPAN 1	@ 90' approx., 1 @ 3 @ 15' approx.	30 <b>1 a</b> ;
STATUS: Timber decking on 30	' span damaged; rail	interdicted.		
COMPENSATIVE ACTION:				
None				



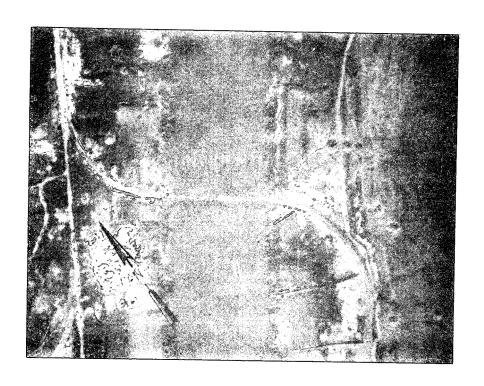
# Approved For Release 2002/08/12 CIA RDP78T05161A001600050001-7

	RY ANALYSIS DIVISION		
over Song Hoang Mai  Bridge No. 1 on NE 48-3	COUNTRY  North Vietnam	COORDINATES 19 15N - 105 41E WG 720302	 25X1
MAP AMS L509 NE 48-7 LOCATION: 0.4 nm W of Qui Vinh on t	he Hanoi-Vinh Rail Lind	BRIEF NO: PIB 75126 August 1966	25X1
DESCRIPTION:  LENGTH WIDTH TYPE  Wood trestle  STATUS:	MATERIAL Timber k) no. of spans 16 approx LENGTH OF EACH SPAN	X.	25X1 25X1
Repaired and serviceable.  COMPENSATIVE ACTION:  By-pass No. 1 remains serviceal	ble.		
			25X1



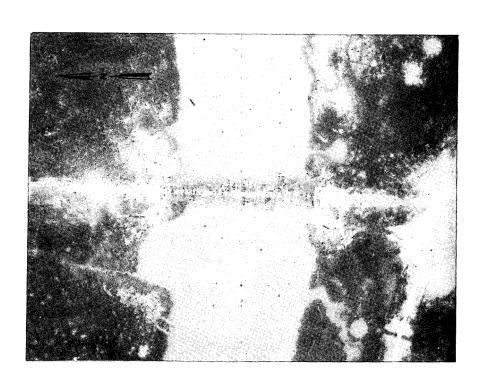
# Approved For Release 2002/08/12 CIA-RDP78T05161A001600050001-7

	RY ANALYSIS DIVISION		_
over Song Hoang Mai Bridge No. 1 on NE 48-3	COUNTRY  North Vietnam	COORDINATES  19 15N - 105 41E  WG 720302	25
MAP AMS L509 NE 48-7		BRIEF NO: PIB 75126 August 1966	 25
LOCATION: O.4 nm W of Qui Vinh on t	he Hanoi-Vinh Rail I		
LENGTH WIDTH TYPE Wood trestle  TATUS:  Repaired and serviceable.	MATERIAL Timber k) NO. OF SPANS 16 app	rox.	25) 25)
Repaired and serviceasie.			
OMPENSATIVE ACTION:			
By-pass No. 1 remains servicea	ble.		
			25



# Approved For Release 2002/08/12:-CIA-RDP78T05161A001600050001-7

	CIA IMAGEI	RY ANALYSIS DIVISION		_
over Son	ng Quang Tieh RR. Bridge g Yen o. 37 on NE 48-3	COUNTRY  North Vietnam	19 37N - 105 42E WG 740696	— 25>
MAP	AMS JOG (A) 1501 NE 48-	3	BRIEF NO: PIB 75127 August 1966	25> 
LOCATION:	1.2 nm E of Trong Quang T	lieh on Hanoi-Vinh	Rail Line.	
DESCRIPTION	:			
LENGTH Width Type	195' approx. 10' approx. (Single trac Deck-girder	MATERIAL Steel k) NO. OF SPANS 3 LENGTH OF EACH SPAN	65' approx.	
STATUS: 1 s	pan heavily damaged; approa	ch interdicted; br	idge unserviceable.	
COMPENSATIV	'E ACTION:			
By-1	pass bridge.			
				25)



## Approved For Release 2002/08/120 EMTRAP78T05161A001600050001-7

OUNTRY	COORDINATES	-
North Vietnam	19 13N - 104 32E VG 514251	25
	BRIEF NO:	<b>-</b> 25
	PIB 75128	20
	August 1966	
ite 7.		-
		North Vietnam  19 13N - 104 32E VG 514251  BRIEF NO: PIB 75128 August 1966

#### DESCRIPTION:

LENGTH WIDTH

60' approx. 10' approx.

Deck

material Wood no. of spans );

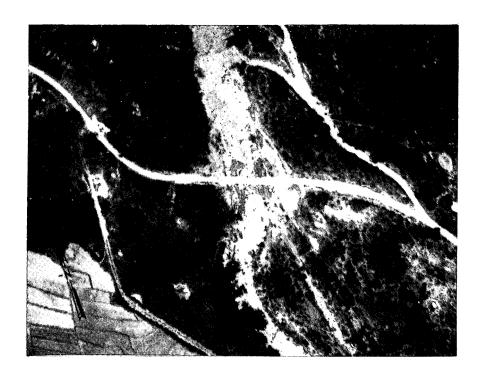
LENGTH OF EACH SPAN 15' approx.

#### STATUS:

Destroyed span replaced; serviceable.

#### COMPENSATIVE ACTION:

NA



### Approved For Release 200200017 PAPER P78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			<del></del>
NAME	COUNTRY	COORDINATES	
Ban Lau Hwy. Bridge Bridge No. 27 on NE 48-2	North Vietnam	19 14N - 104 30E VG 484272	25X
		BRIEF NO: PIB 75129	<del>–</del> 25Х <sup>.</sup>
MAP AMS JOG (A) 1501 NE 48-2		August 1966	

LOCATION:

0.3 nm SW of Ban Lau on Route 7.

#### DESCRIPTION:

LENGTH Width

70' approx. 10' approx.

Deck

MATERIAL Concrete and wood

NO. OF SPANS

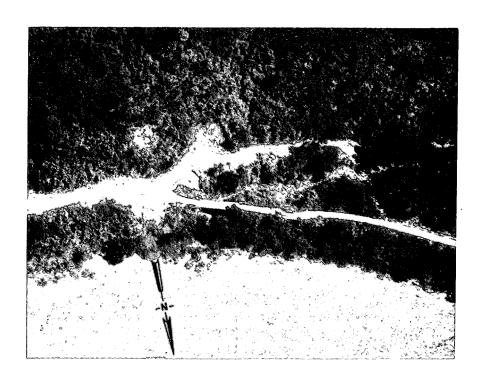
LENGTH OF EACH SPAN 70' approx.

#### STATUS:

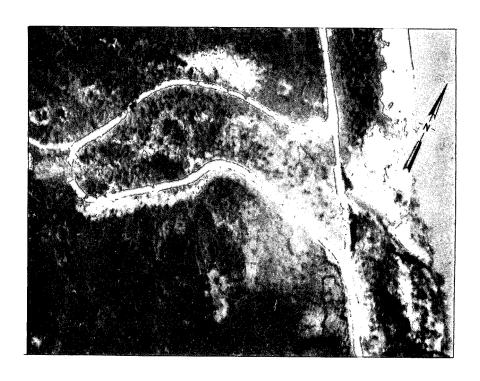
Approaches repaired; abutment and decking repaired; bridge is serviceable.

#### COMPENSATIVE ACTION:

Ford



Approved For Release 200	CONFIDENTIAL	51A001600050001-7	ILLE
	GERY ANALYSIS DIVISION		
stream Bridge No. 15 on NE 48-2	North Vietnam	COORDINATES  19 17N - 104 20E  VG 305334	25>
MAP AMS JOG (A) 1501 NE 48		PIB 75130 August 1966	<del></del> 25>
DESCRIPTION: 1 nm SE of Ban Ta Xa on	Route 7.		
LENGTH WIDTH TYPE Deck	MATERIAL Concrete NO. OF SPANS 3 LENGTH OF EACH SPAN	and wood	25) 25)
Center span dropped; one end	span heavily damaged.		
COMPENSATIVE ACTION:			
Ford.			
			25)



### Approved For Release 2002/05/14-15/14-15-15-161A001600050001-7

NAME Tho Trang RR. Bridge over COUNTRY COORDINA	· · · · · · · · · · · · · · · · · · ·
stream         19 09           Bridge No. 14 on NE 48-3         North Vietnam         WG 64	105 37E <b>25X1</b>
BRIEF NO:	
AMS L509 NE 48-3 Augustocation: 0.5 nm SE of Tho Trang on Hanoi-Vinh Rail Line.	966

DESCRIPTION:

LENGTH 60' approx. WIDTH

MATERIAL Steel and concrete

60' approx. (Single track) NO. OF SPANS 1
LENGTH OF EACH SPAN 60' approx.

STATUS:

TYPE

Span heavily damaged - out of alignment; bridge not serviceable.

COMPENSATIVE ACTION:

None





### Approved For Release 200200 FPD CHAFROP 78T05161A001600050001-7

CIA I	MAGERY ANALYSIS DIVISION		<del></del>
NAME	COUNTRY	COORDINATES	
Ban Houei Ty Hwy. Bridge		19 23N - 104 10E	OEV4
Bridge No. 23 on NE 48-2	North Vietnam	VG 122442	25X1
		BRIEF NO:	
		PIB 75132	
MAP AMS L509 NE 48-2		August 1966	

LOCATION: O.1 nm W of Ban Houei Ty on Route 7.

DESCRIPTION:

LENGTH WIDTH TYPE

50' approx. 10' approx.

Deck

MATERIAL Wood and concrete

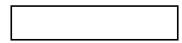
LENGTH OF EACH SPAN 25' approx.

STATUS:

Destroyed span replaced; bridge is well camouflaged and serviceable.

COMPENSATIVE ACTION:

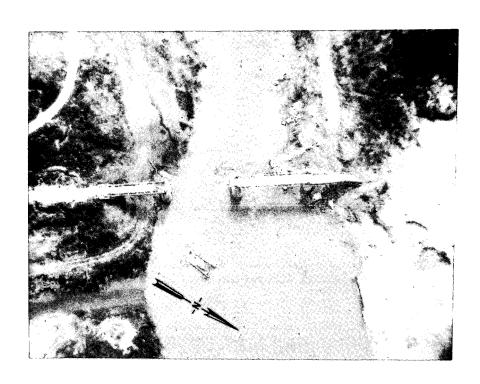
NA





## Approved For Release 200**£0NF1DEMTRP**P78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		
NAME Xom Ca Trang Hwy. Bridge No. 1 Bridge No. 3 on NE 48-11	country North Vietnam	COORDINATES   17 57N - 105 49E   WE 865855	 25X1
MAP AMS 1509 NE 48-11		BRIEF NO: PIB 75133 August 1966	- _ 25X1 -
DESCRIPTION:  LENGTH WIDTH TYPE  Deck	material Concrete an No. of Spans 14	ad steel	25X1 25X1
One pier destroyed; one span do on north approach destroyed.	ropped; 1 span heavily	damaged; cable footing	gs
COMPENSATIVE ACTION:			
By-pass ford and by-pass bridge	e <b>.</b>		
			25X1



### Approved For Release 200**ደ/ውነተ ጋር የ** 78T05161A001600050001-7

	CIA IMAGEI	RY ANALYSIS DIVISION		-
NAME Qui My	Hwy. Bridge S over	COUNTRY	COORDINATES	
stream			19 24N - 105 45E	25X1
Bridge No. 5	0 on NE 48-3	North Vietnam	WG 800460	20/(1
			BRIEF NO:	 25X1
			PIB 75134	23/(1
MAP JO	G (A) 1501 NE 48-3		August 1966	
LOCATION: ().	5 nm S of Qui My on Rou	ite 1A.		

### DESCRIPTION:

LENGTH WIDTH TYPE

100' approx.
10' approx.

Deck

MATERIAL Timber

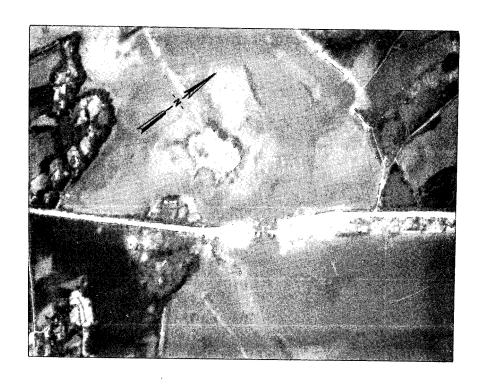
NO. OF SPANS 5 approx.
LENGTH OF EACH SPAN 20' approx.

#### STATUS:

All spans destroyed.

#### COMPENSATIVE ACTION:

Possible construction of timber by-pass bridge.



# Approved For Release 2002/08/12: CIA-RDP78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		
NAME Tri Dong Hwy. Bridge over Song	COUNTRY	COORDINATES	<del></del>
Day Bridge No. 2 on NF 48-15	North Vietnam	20 21N - 105 55E WH 966517	25X
MAP AMS 1509 NF 48-15		BRIEF NO: PIB 75135 August 1966	25X
LOCATION: 0.2 nm E of Tri Dong on Ro	oute 1A.		
DESCRIPTION:			
width type  Deck	material Concrete no. of spans 8 length of each span	30' approx.	25×
STATUS: Repaired and serviceable.			
COMPENSATIVE ACTION:			
NA			



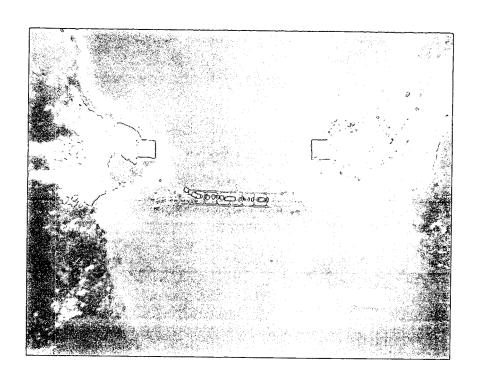
# Approved For Release 2002/08/42: CIA-ROP78T05161A001600050001-7

NAME CIA IMAC	GERY ANALYSIS DIVISION	L COOPENATES	
Duc Pho RR. Bridge	COUNTRY	17 25N - 106 36E	
Bridge No. 19 on NE 48-12	North Vietnam	XE 706270	
	•	BRIEF NO: PIB 75136	— 25X
MAP JOG (A) 1501 NE 48-12		August 1966	20/
LOCATION: 1 nm SW of Duc Pho on t			
DESCRIPTION:	,		
WIDTH TYPE  Dropped through truss	NO. OF SPANS ] LENGTH OF EACH SPAN	concrete, and wood	25X
partially supporting a deck-type status: Pre-strike; original structu actively in use now for cart	are destroyed prior to	U.S. involvement in Viet	tnam;
COMPENSATIVE ACTION:			
NA			



## Approved For Release 200@08172 DEMTROP78T05161A001600050001-7

CIA IMAGI	ERY ANALYSIS DIVISION		********
NAME	COUNTRY	COORDINATES	وخادا
Duc Pho RR. Bridge		17 25N - 106 36E	
Bridge No. 19 on NE 48-12	North Vietnam	XE 706270	
		BRIEF NO:	
		J PIB 75137	25X
MAP JOG (A) 1501 NE 48-12		August 1966	
LOCATION: 1.0 nm SW of Duc Pho on	the Dong Hoi/DMZ Rail I	ine (abandoned).	
DESCRIPTION:			
WIDTH TYPE  Dropped through truss	material Steel, c no. of spans NA length of each span N	oncrete, and wood	25
partially supporting a deck-type by	<del>-</del> -	•	25X
Original bridge destroyed pridecking was placed on the droper traffic only. Subsequently decompensative action:	pped truss sections for	in Vietnam. Wood use by foot and cart	
NA			
			25X



### Approved For Release 2002/08/12: CIA-RDP78T05161A001600050001-7

LOCATION: At Xom Mon on Route 15.

#### DESCRIPTION:

WIDTH 25' approx. 15' approx.

MATERIAL Concrete and timber NO. OF SPANS 1 LENGTH OF EACH SPAN 25' approx.

#### STATUS:

Destroyed.

#### COMPENSATIVE ACTION:

Ford.



### Approved For Release 20(20) FINT-FOIP78T05161A001600050001-7

	CIA IMAG	ERY ANALYSIS DIVISION		<del>_</del>
NAME Kim	Lu Xa RR. Bridge over	COUNTRY	COORDINATES	
Khe Dan	. 44 on NE 48-11	North Vietnam	17 57N - 105 57E XE 021848	25X1
MAP	AMS L509 NE 48-11		PIB 75139 August 1966	 25X1
LOCATION:	O.1 nm N of Kim Lu Xa o	n Vinh-Dong Hoi RR.	August 1900	_

#### DESCRIPTION:

LENGTH WIDTH

180' approx.

10' approx. (Single track) NO. OF SPANS 3 major spans with supporting A-frames

Deck beam with

1 @ 100' approx.

2 @ 40' approx.

STATUS:

Repaired and serviceable.

#### COMPENSATIVE ACTION:

None





## Approved For Release 200308113-ENT-P78T05161A001600050001-7

CIA IMA	GERY ANALYSIS DIVISION		
NAME Cao Nung RR. Bridge over	COUNTRY	COORDINATES	
Song Hoa		21 33N - 106 29E	2
Bridge No. 2 on NF 48-12	North Vietnam	XJ 554845	
		BRIEF NO:	<del>-</del> 2!
		PIB 75140	
	48 <b>-</b> 12	August 1966	_
LOCATION: 0.4 nm SE of Cao Nung	on the Hanoi-Dong Dang	Rail Line.	
DESCRIPTION:			
LENGTH 175' approx.	MATERIAL Steel.	concrete, and timber	
нтан	NO. OF SPANS	· · · · · · · · · · · · · · · · · · ·	2
Deck	LENGTH OF EACH SPAN	1 @ 70' approx., 1 @ 60'	apr
		1 @ 45' approx.	- 1 1
TATUS:		±±	
2 spans dropped (45' and 60'	'); l span heavily dama	aged (70'); by-pass	
bridge dismantled.			
OMPENSATIVE ACTION:			
77			
None			
			2



## Approved For Release 200**E/ONTH DENTRAP**78T05161A001600050001-7

		THE RESERVE TO SERVE THE RESERVE THE RESERVE TO SERVE THE RESERVE THE RE
CIA IMAGERY ANALYSIS DIVISION		
NAME Cung Que Hwy. Bridge SW over   COUNTRY	COORDINATES	
Hoang Long Giang	20 19N - 105 56E	25X1
Bridge No. 3 on NF 48-15 North Vietnam	WH 980476	23/1
	BRIEF NO:	 25X1
	PIB 75141	23/1
MAP AMS L509 NF 48-15	August 1966	
LOCATION: 1 nm SW of Cung Que on Route 14		_

1 nm SW of Cung Que on Route LA.

#### DESCRIPTION:

LENGTH WIDTH

360' approx. 10' approx.

TYPE

10' approx.
Half-through truss

NO. OF SPANS

MATERIAL Steel and concrete

LENGTH OF EACH SPAN 2 @ 150' approx.

2 @ 30' approx.

STATUS:

Repaired and serviceable.

#### COMPENSATIVE ACTION:

NA



## Approved For Release 200**2/04/17 PMTRAP**78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Ha Tinh Hwy. Bridge 18 20N - 105 54E Bridge No. 29 on NE 48-7 North Vietnam WF 959275 BRIEF NO: 25X1 PIB 75142 MAP JOG (A) 1501 NE 48-7 August 1966 LOCATION:

At Ha Tinh on an unnumbered route.

DESCRIPTION:

LENGTH 60' approx. HTOIW TYPE Deck

MATERIAL Timber NO. OF SPANS 3 probable
LENGTH OF EACH SPAN 20' approx.

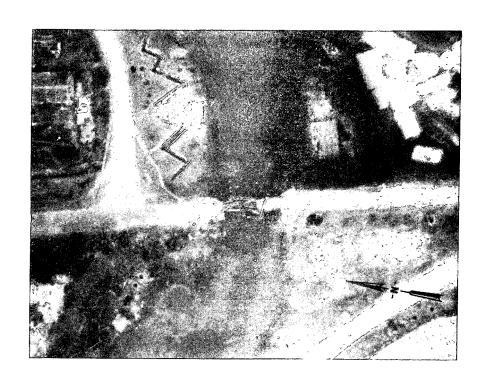
25X1

STATUS:

2 spans and 1 pier destroyed.

#### COMPENSATIVE ACTION:

None



### Approved For Release 200@ONF4DEMTRAP78T05161A001600050001-7

	CIA IMAGE	RY ANALYSIS DIVISION		
NAME Don	ng Xa Hwy. Bridge over	COUNTRY	COORDINATES	
stream Bridge No	o. 12 on NE 48-7	North Vietnam	18 29N - 105 45E WF 792440	25X1
			BRIEF NO: PIB 75143	 25X1
MAP	AMS JOG (A) 1501 NE 48	-7	August 1966	
LOCATION:	0.4 nm SE of Dong Xa on	Route LA.		-

#### DESCRIPTION:

LENGTH WIDTH Type 50' approx.

10' approx.

Deck

MATERIAL Wood and concrete

NO. OF SPANS 2

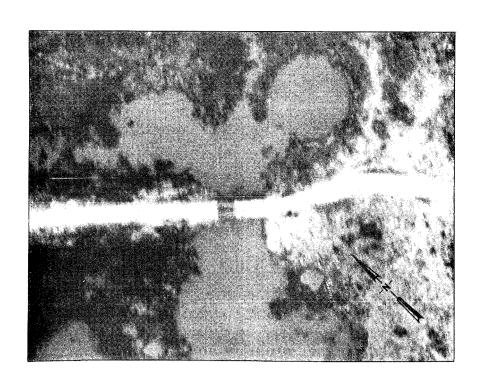
LENGTH OF EACH SPAN 25 approx.

#### STATUS:

Repaired (utilizing stringers) and probably serviceable.

#### COMPENSATIVE ACTION:

None



## Approved For Release 2002081720 ENTRAP78T05161A001600050001-7

CIA IMAGEI	RY ANALYSIS DIVISION		
n Lun Hwy. Bridge over	COUNTRY	COORDINATES	<del></del>
1 Lam	North Vietnam	18 20N - 105 52E WF 928276	25X
-		BRIEF NO:	25X
		PIB 75144	
AMS L509 NE 48-7		August 1966	
At Vinh Lun on Route 15.			<del></del>
:			
120' approx.	MATERIAL Wood	ble	25X
	AMS L509 NE 48-7 At Vinh Lun on Route 15.	AMS L509 NE 48-7  At Vinh Lun on Route 15.	Lun Hwy. Bridge over

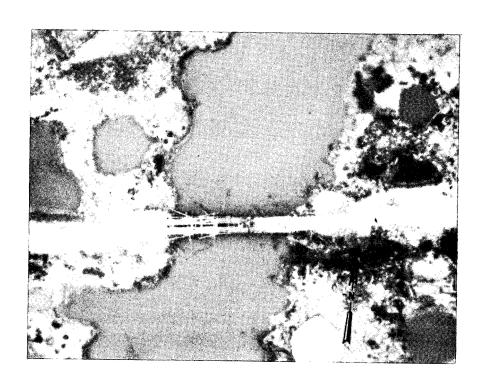
STATUS:

Bridge is in the late stages of repair.

COMPENSATIVE ACTION:

By-pass road and possible ferry site.





### Approved For Release 200**2/04/74 DEMTRAP**78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		<u> </u>
NAME Lang Lau RR. Bridge over	COUNTRY	COORDINATES	
Song Cau Bridge No. 8 on NF 48-11	North Vietnam	21 33N - 105 54E WJ 833926	25X1
		BRIEF NO:	<del>-</del>
		PIB 75145	25X1
MAP AMS L509 NF 48-11		August 1966	
LOCATION: 1.1 nm S of Lang Dam on K DESCRIPTION:	ep/Thai Nguyen Rail Lin	ne.	
LENGTH 240 approx.	MATERIAL Steel and o	concrete	
TYPE Deck (Single track)	K) NO. OF SPANS 6 LENGTH OF EACH SPAN 40	approx.	25X1

#### STATUS:

Two spans damaged/destroyed, one approach interdicted.

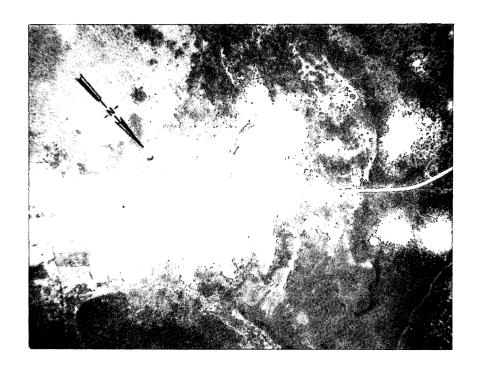
#### COMPENSATIVE ACTION:

Affected spans repaired/replaced. Bridge is now serviceable. Approach remains interdicted.



# Approved For Release 200 200112 DCIN-17AP 78T05161A001600050001-7

NAME Than Dau Hwy. Bridge SE over	RY ANALYSIS DIVISION	COORDINATES	_
Khe Luy  Bridge No. 96 on NE 48-7	North Vietnam	18 00N - 106 28E XE 550916	
MAP AMS L509 NE 48-7		PIB 75146 August 1966	
LOCATION: 1.2 nm SE of Than Dau on	Route LA.	1.48450 1,00	_
width type  Deck	material Wood and no. of spans 1 length of each span	concrete 40' approx.	
Span has been dropped.			
COMPENSATIVE ACTION:			
By-pass ford also interdicted.			



### Approved For Release 2002/08/12 - CIA-RDP78T05161A001600050001-7

CIA IM	AGERY ANALYSIS DIVISION	
N AME	COUNTRY	COORDINATES
An Dinh Hwy. Bridge		17 16N - 106 46E
Bridge No. 8 on NE 48-12	North Vietnam	XE 889109
		BRIEF NO:
		PIB 75147
MAP AMS L509 NE 48-12		September 1966

LOCATION: 0.6 nm SE of An Dinh on Route 1A.

#### DESCRIPTION:

LENGTH 105' approx. WIDTH 10' approx. TYPE

Deck

MATERIAL Concrete no.of spans 3 probable LENGTH of EACH SPAN 2 @ 40' approx.

1 @ 25' approx.

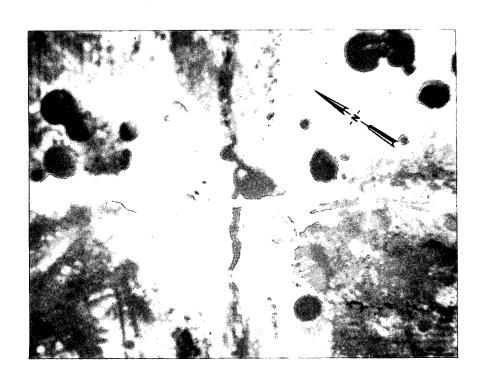
#### STATUS:

1 span dropped; 1 abutment destroyed.

#### COMPENSATIVE ACTION:

None apparent.

25X1



CIA IMAG	ERY ANALYSIS DIVISION		
NAME Co Giang Hwy. Bridge over	COUNTRY	COORDINATES	05)//
stream Bridge No. 42 on NE 48-11	North Vietnam	17 36N - 106 20E XE 432480	25X1 —
		BRIEF NO: PIB 75148	25X1
MAP AMS L509 NE 48-11		September 1966	

LOCATION: 0.2 nm W of Co Giang on Route 101.

#### DESCRIPTION:

width 45' approx.

Width 10' approx.

Deck

material Timber no.ofspans 3 probable Length of Each span 15' approx.

STATUS:

Moderate damage to deck.

#### COMPENSATIVE ACTION:

None



### Approved For Release 200 (20) 17 DEN 17 AP 78 T05161 A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			
N AME	COUNTRY	COORDINATES	
Quang Khe Hwy. Bridge No. 2		17 42N - 106 29E	
Bridge No. 39 on NE 48-11	North Vietnam	XE 567568	
		BRIEF NO:	
		PIB 75149	25X
MAP AMS L509 NE 48-11		September 1966	
LOCATION: 0.2 nm SW of Quang Khe	on an unnumbered route.	•	

#### DESCRIPTION:

LENGTH WIDTH 40' approx.

TYPE

10' approx.
Combination lock-and

deck-type bridge

MATERIAL Concrete
No. of spans 1

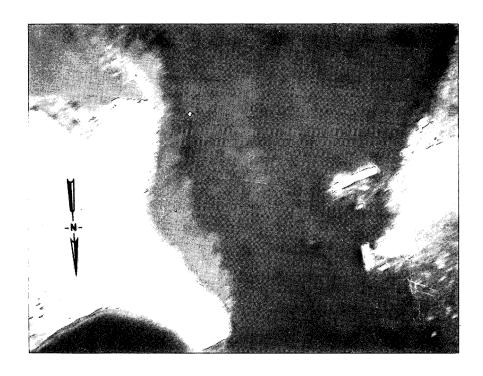
LENGTH OF EACH SPAN 401 approx.

#### STATUS:

Crushed rock causeway which replaced original bridge has been completely destroyed.

#### COMPENSATIVE ACTION:

None apparent.



### Approved For Release 2002/08/12:-CIA-RDP78T05161A001600050001-7

CIA IM	AGERY ANALYSIS DIVISI	ON	<del>_</del>
N AME	COUNTRY	COORDINATES	
Ban Phit Hwy. Bridge		17 30N - 105 08E	
Bridge No. 26L on NE 48-11	Laos	WE 157360	
		BRIEF NO:	<del></del>
		PIB 75150	25X
MAP JOG (A) 1501 NE 48-13	L	September 1966	

LOCATION: 1.8 nm E of Ban Phit on Route 12.

DESCRIPTION:

WIDTH
TYPE

180' approx.

Probable deck

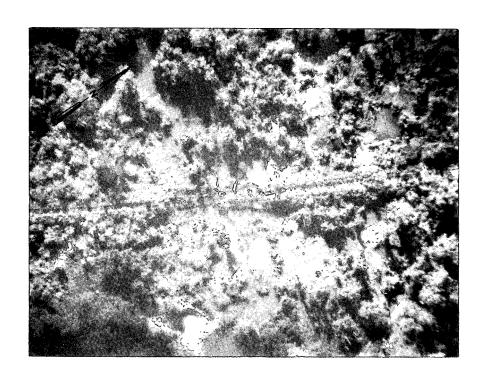
MATERIAL Timber and steel NO. OF SPANS 4 LENGTH OF EACH SPAN 45' approx.

25X1

STATUS:

4 spans destroyed.

COMPENSATIVE ACTION:



### Approved For Release 2002/08/17 ENTROP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION NAME Muong Hang Hwy. COUNTRY COORDINATES Nam Hang 20 37N - 104 24E 25X1 Bridge No. 3L on NF 48-14 Laos VH 391813 BRIEF NO: 25X1 PIB 75150 MAP JOG (A) 1501 NF 48-14 September 1966

LOCATION: 0.2 nm NE of Ban Noua Na on Route 6.

DESCRIPTION:

LENGTH 50' approx. WIDTH 10' approx. TYPE

Deck

Timber MATERIAL NO. OF SPANS 2

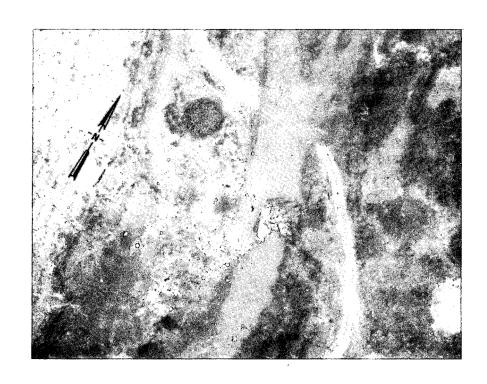
LENGTH OF EACH SPAN 25' approx.

STATUS:

Destroyed.

COMPENSATIVE ACTION:

Ford



### Approved For Release 2002/08/47:7614-RDP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		<del></del>
NAME Thuong Lap Hwy. Bridge over Khe Chantri Bridge No. 51 on NE 48-12	COUNTRY  North Vietnam	COORDINATES 17 04N - 106 59E YD 108884	 25X1
MAP JOG (A) 1501 NE 48-12		BRIEF NO: PIB 75151 September 1966	 25X1

LOCATION: 0.7 nm NW of Thuong Lap on Route 101.

#### DESCRIPTION:

LENGTH 100' approx.
WIDTH 10' approx.
TYPE Deck

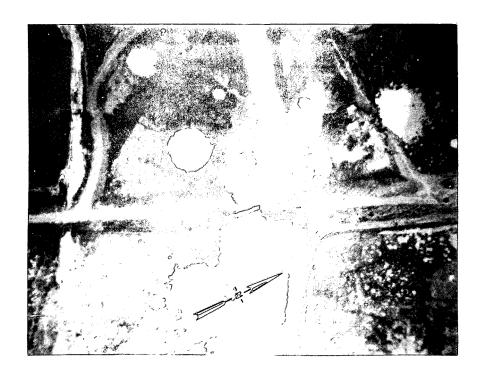
MATERIAL Concrete
No. of spans 2
LENGTH OF EACH SPAN 50' approx.

#### STATUS:

1 span dropped; moderate deck damage to remaining span; 1 abutment destroyed.

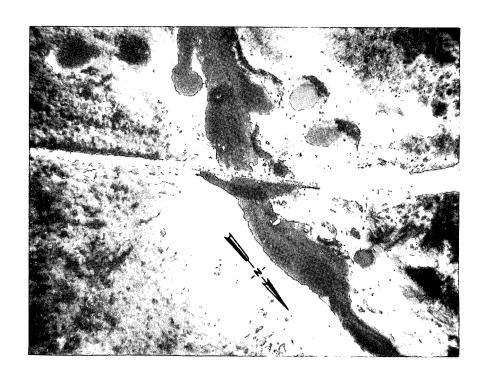
#### COMPENSATIVE ACTION:

By-pass bridge under construction SE of damaged bridge.

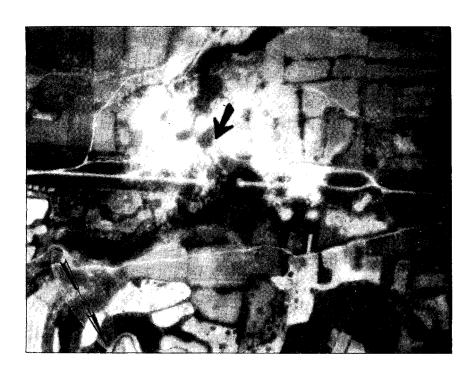


## Approved For Release 2003/08/12 : CIA-RPP78T05161A001600050001-7

CIA IMAGEF	RY ANALYSIS DIVISION		
NAME Lang Khav RR. Bridge over	COUNTRY	COORDINATES	- 2
Ngoi Kay	]	22 OlN - 104 31E	
Bridge No. 8 on NF 48-6	North Vietnam	VK 509359	2
		BRIEF NO:	•
		PIB 75152	
MAP AMS L509 NF 48-6		September 1966	
-ocation: 1.8 nm SW of Ky Dong on Har	noi-Lao Cai Rail Line	•	•
DESCRIPTION:			
	Minub are and	3 -4 3	
winth 135' approx.	MATERIAL Timber and	i steel	2
TYPE (Single track)	NO. OF SPANS 3	1 8 001	
Deck	•	L @ 90' approx., 1 @ 30'	app
	-	L @ 15' approx.	
TATUS:		L @ 15' approx.	
TATUS: Repaired and serviceable.		L @ 15' approx.	
		L @ 15' approx.	
Repaired and serviceable.	•	L @ 15' approx.	
Repaired and serviceable.	•	L @ 15' approx.	
Repaired and serviceable.		L @ 15' approx.	
Repaired and serviceable.	•	L @ 15' approx.	2



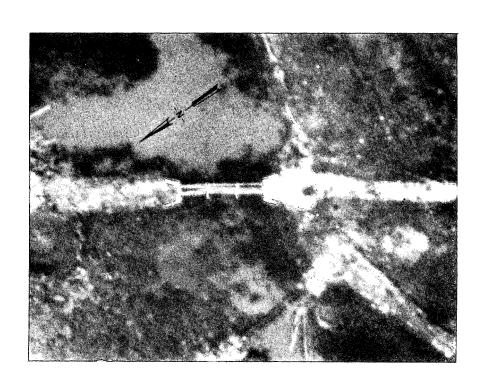
CIA IMAGEI	RY ANALYSIS DIVISION		<del></del>
Thuong Phy Hwy. Bridge By-pass No. 1 Bridge No. 23 on NE 48-11	COUNTRY  North Vietnam	COORDINATES 17 49N - 106 08E XE 206710	
MAP AMS L509 NE 48-11		BRIEF NO: PIB 75153 September 1966	 25X 
LOCATION: 0.4 nm W of Thuong Phy on  DESCRIPTION:  LENGTH 45' approx.  WIDTH TYPE Deals	MATERIAL Timber No.ofspans l probabl	_e	25X
Deck  status:  Destroyed.	45	o' approx.	
COMPENSATIVE ACTION:			
None			
			25X



CIA IMAGER	RY ANALYSIS DIVISION		<del></del>
NAME Xuan Kieu Hwy. Bridge over stream Bridge No. 20 on NE 48-11	COUNTRY  North Vietnam	COORDINATES 17 45N - 106 27E XE 525638	— 25X´
MAP JOG (A) 1501 NE 48-11 LOCATION: 0.8 nm SW of Xuan Kieu on	unnumbered route.	BRIEF NO: PIB 75154 September 1966	25X^ 
DESCRIPTION:  LENGTH WIDTH TYPE  Deck  STATUS:	MATERIAL Wood and c No. of spans 3 LENGTH OF EACH SPAN	oncrete	25X1 25X1

Decking probably damaged and subsequently removed.

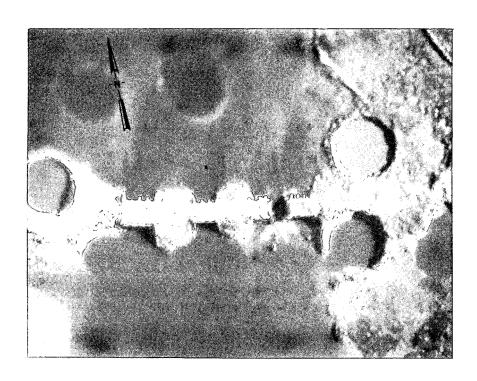
#### COMPENSATIVE ACTION:



NAME Ba Don Hwy. Bridge and C	ause- COUNTRY	COORDINATES	
y No. 2 over stream		17 45N <b>-</b> 106 24E	25
idge No. 32 on NE 48-11	North Vietnam	XE 505632	
		BRIEF NO:	 25
		PIB 75155	
MAP JOG (A) 1501 NE 4	8-11	September 1966	
DESCRIPTION:	on an unnumbered route.		
LENGTH	MATERIAL Concrete	;	25
WIDTH	NO. OF SPANS 8		
Deck type bridge/lo	Ck LENGTH OF EACH SPAN		25

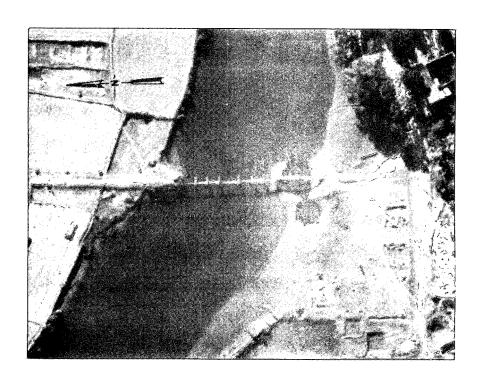
## COMPENSATIVE ACTION:

None; this bridge/lock was probably used as a by-pass for bridge No. 26 on NE 48-11



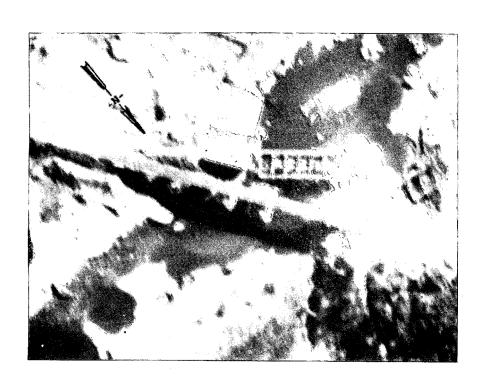
## Approved For Release 200208/12 EAR RPP78T05161A001600050001-7

CIA IMA	AGERY ANALYSIS DIVISION		
NAME	COUNTRY	COORDINATES	
Vinh Loc Hwy. Bridge Bridge No. 30 on NE 48-11	North Vietnam	17 43N - 106 23E XE 468608	
		BRIEF NO: PIB 75156	<del>—</del> 25Х
MAP AMS L509 NE 48-11		September 1966	_0, (
LOCATION: At Vinh Loc on an unnum	bered route.		<del></del>
DESCRIPTION:	m		
LENGTH Width	material Timber no.of spans 12 <b>–</b>		25X
Deck	LENGTH OF EACH SPAN		25X
STATUS: Repaired and serviceable to	foot traffic.		
COMPENSATIVE ACTION:			
AM			
			25X



## Approved For Release 2002/08/12 : CIA-RDP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		<del></del>
NAME Lang Kay RR. Bridge over Ngoi Chuc Bridge No. 3 on NF 48-6	COUNTRY  North Vietnam	COORDINATES 22 03N - 104 29E VK 472394	 25X1
MAP JOG (A) 1501 NF 48-6 LOCATION: Approximately 1.4 nm SE of	Lang Cai on the Hanoi	BRIEF NO: PIB 75157 September 1966	 25X1 
DESCRIPTION:  LENGTH WIDTH TYPE  Deck with lattice towers  STATUS:  Repaired and serviceable.	material Timber no. of spans 4 LENGTH OF EACH SPAN		25X1 25X1
COMPENSATIVE ACTION: NA			
			25X1



## Approved For Release 2002/08/12: CIA-RDP78T05161A001600050001-7

CIA IMAC	GERY ANALYSIS DIVISI	ON
NAME Na Khao Hwy. Bridge over	COUNTRY	COORDINATES
Houei Uong		20 20N - 104 19E
Bridge No. 5L on NF 48-14	Laos	VH 290499
		BRIEF NO:
		PIB 75158
MAP AMS JOG (A) 1501 NF 4	8-14	PIB 75158 September 1966

LOCATION: 0.3 nm E of Ban Poung on Route 65.

DESCRIPTION:

LENGTH 60' approx. WIDTH 10' approx.

TYPE

Deck

MATERIAL Concrete NO. OF SPANS

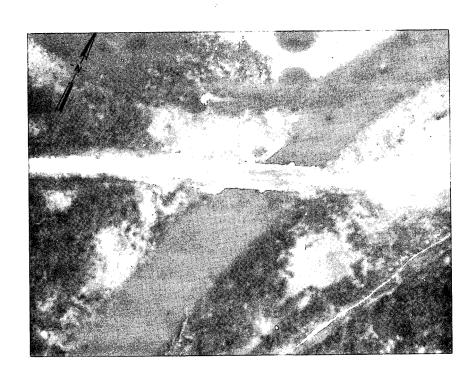
LENGTH OF EACH SPAN 30 approx.

STATUS:

l abutment slightly damaged; bridge serviceable.

#### COMPENSATIVE ACTION:

Ford



25X1

## Approved For Release 2002/08/12 DEIN FIRT RT 8T05161A001600050001-7

	ERY ANALYSIS DIVISI	ON	
NAME Muong Dai Hwy. Bridge over	COUNTRY	COORDINATES	
Nam Sot Bridge No. 4L on NF 48-14	Laos	20 17N - 104 37E VH 609438	25X1
		BRIEF NO:	<del>-</del>
		PIB 75159	25X1
	3-14	September 1966	
LOCATION: O.l nm E of Muong Dai or	Route 65.		

#### DESCRIPTION:

LENGTH WIDTH TYPE

100' approx. 10' approx.

Deck

MATERIAL Wood

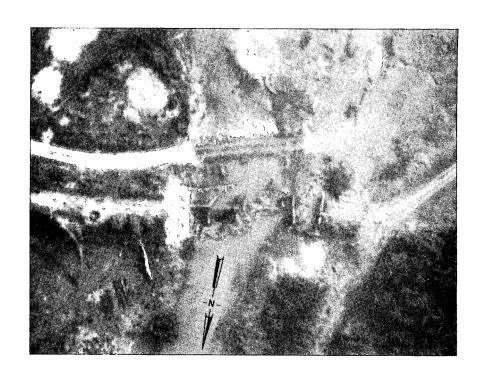
NO. OF SPANS 4 probable
LENGTH OF EACH SPAN 25' approx.

#### STATUS:

1 abutment destroyed; 4 spans destroyed.

#### COMPENSATIVE ACTION:

Ford

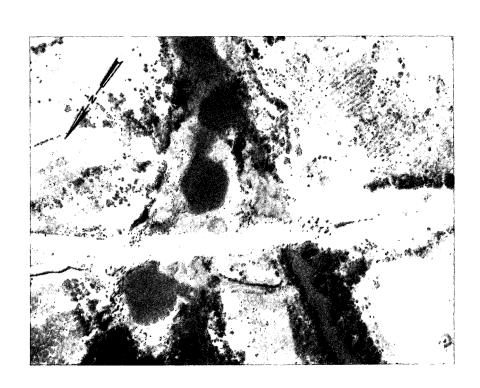


CIA IMAC	GERY ANALYSIS DIVISION		
NAME Vinh Tuy Hwy. Bridge Bridge No. 48 on NE 48-12	COUNTRY  North Vietnam	19 23N - 106 37E XE 722220	*****
MAP AMS L509 NE 48-12 LOCATION: 0.5 nm SW of Vinh Tuy on	n Route 101.	BRIEF NO: PIB 75160 September 1966	25X <sup>-</sup>
DESCRIPTION:  LENGTH WIDTH 20' approx.  TYPE Deck	material Concrete no. of spans 4 probable LENGTH OF EACH SPAN	ole	25X <sup>2</sup>

Bridge destroyed and replaced by earthen causeway.

#### COMPENSATIVE ACTION:

NA



### Approved For Release 2007718112:ENT-FAIP78T05161A001600050001-7

CIA IM.	AGERY ANALYSIS DIVISION		
NAME Lan Tra Hwy. Bridge over	COUNTRY	COORDINATES	_
Song Cua Bridge No. 30 on NE 48-3)	North Vietnam	19 21N - 105 43E WG 765405	25X1
		BRIEF NO: PIB 75161	<del>-</del> 25X1
MAP AMS L509 NE 48-3		September 1966	

LOCATION: 0.8 nm W of Phong Bai on Route 1A.

#### DESCRIPTION:

LENGTH 80' approx. WIDTH 10' approx. TYPE Deck

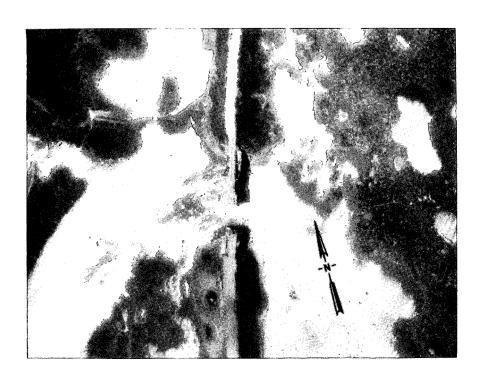
Timber and concrete MATERIAL NO. OF SPANS LENGTH OF EACH SPAN 201 approx.

#### STATUS:

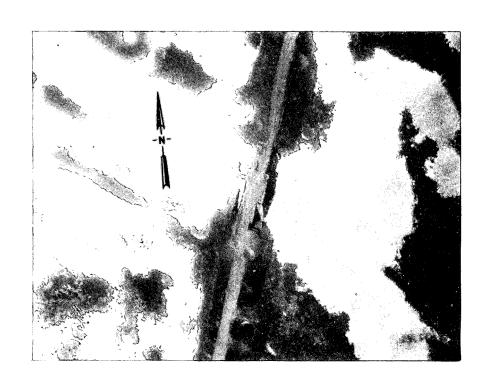
1 span destroyed; 2 spans partially dropped, deck of remaining span lightly damaged.

#### COMPENSATIVE ACTION:

None apparent.



CIA IMAGER	RY ANALYSIS DIVISION		<del></del>
NAME Lan Tra Hwy. Bridge N over	COUNTRY	COORDINATES	_
Song Cua Trib		19 22N - 105 44E	25X1
Bridge No. 21 on NE 48-3	North Vietnam	WG 768418	- 05)/4
		BRIEF NO:	<sup>-</sup> 25X1
		] PIB 75162	
MAP AMS L509 NE 48-3		September 1966	_
LOCATION: 1.0 nm W of Huu Lei on Rou	ite LA.		
DESCRIPTION:			
LENGTH	MATERIAL Concrete		25X1
WIDTH	NO. OF SPANS 3		>//
Deck	LENGTH OF EACH SPAN		25X1
STATUS:	_		
One end span damaged; other er		oed; deck of center spa	n
is lightly damaged; bridge is	now serviceable.		
COMPENSATIVE ACTION:			
Partially dropped span repaire	ed hy laving of planks	over partially colland	64
structure.	or of realing of braimp	over paronally contacts	ica
			25V4
			25X1

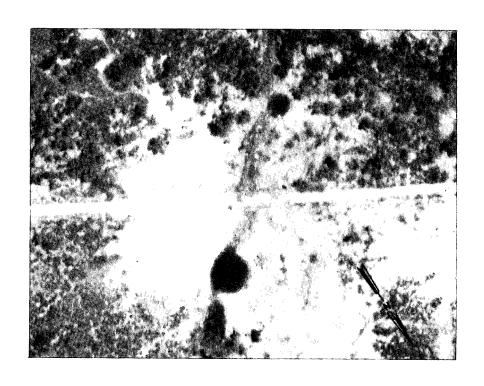


CIA IMAGE	RY ANALYSIS DIVISION		
NAME Kieu Moc Phuong Hwy. Bridge	COUNTRY	COORDINATES	
SE over stream	ì	17 50N - 106 05E	25X1
Bridge No. 21 on NE 48-11	North Vietnam	XE 153726	20/(1
		BRIEF NO:	25X1
		PIB 75163	20/(1
MAP JOG (A) 1501 NE 48-11		September 1966	
LOCATION: 0.5 nm SE of Ha Son Trang	on the abandoned Vinh-	Dong Hoi Rail Line.	<del>_</del>
DESCRIPTION:			
WIDTH TYPE  Deck  Length  50' approx.	material Concrete no. of spans 1 LENGTH OF EACH SPAN 50	'approx.	25X1

STATUS:

Deck moderately damaged; 1 abutment moderately damaged.

#### COMPENSATIVE ACTION:



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CIA II	MAGERY ANALYSIS DIVISION		
N AME	COUNTRY	COORDINATES	<del></del>
Dong Tam Hwy. Bridge		17 50N - 106 06E	
Bridge No. 18 on NE 48-11	North Vietnam	XE 166714	
	-	BRIEF NO:	<del></del>
		PIB 75164	25X1
MAP AMS L509 NE 48-11		September 1966	

Č

0.3 nm SW of Dong Tam on the abandoned Vinh/Dong Hoi RR.

#### DESCRIPTION:

LOCATION:

LENGTH

60' approx.

WIDTH Type

15' approx.

Deck

MATERIAL Timber and probable steel

NO. OF SPANS

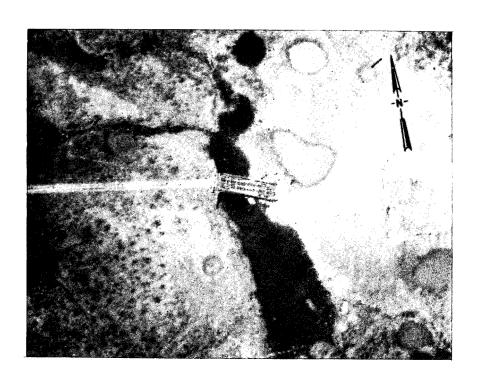
LENGTH OF EACH SPAN 60 ! approx.

#### STATUS:

Span dropped; 1 abutment destroyed.

#### COMPENSATIVE ACTION:

NA.



### 

CIA IMA	AGERY ANALYSIS DIVISION		
NAME Me Xa Hwy. Bridge over	COUNTRY	COORDINATES	
Song Ky Bridge No. 4 on NF 48-12	North Vietnam	21 04N - 106 32E XJ 598308	25X
		BRIEF NO:	 25X
		PIB 75165	20/
MAP AMS JOG (A) 1501 NF 1	+8-12	September 1966	

LOCATION: 0.4 nm E of Trieu Khe on Route 18.

#### DESCRIPTION:

WIDTH 270' approx.

NIDTH 10' approx. TYPE Deck

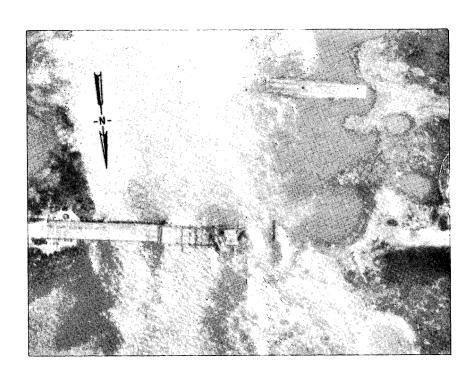
MATERIAL WOOD material WOOd no. of spans 5 length of each LENGTH OF EACH SPAN 55' approx.

STATUS:

l abutment destroyed; 2 spans destroyed; 1 span heavily damaged; 1 span lightly damaged; 1 pier destroyed.

#### COMPENSATIVE ACTION:

Ferry



### Approved For Release 20 (27) FID ENT-FAPP78T05161A001600050001-7

CIA IMAGE	ERY ANALYSIS DIVISION		<del></del>
NAME Co Giang Hwy. Bridge over	COUNTRY	COORDINATES	
stream Bridge No. 42 on NE 48-11	North Vietnam	XE 432480	25X1
		BRIEF NO: PIB 75166	25X1
MAP AMS L509 NE 48-11		September 1966	

LOCATION: 0.2 nm W of Co Giang on Route 101.

#### DESCRIPTION:

LENGTH 45' approx.
WHOTH 10' approx.
TYPE Deck

MATERIAL Timber
NO. OF SPANS 3 probable
LENGTH OF EACH SPAN 15' approx.

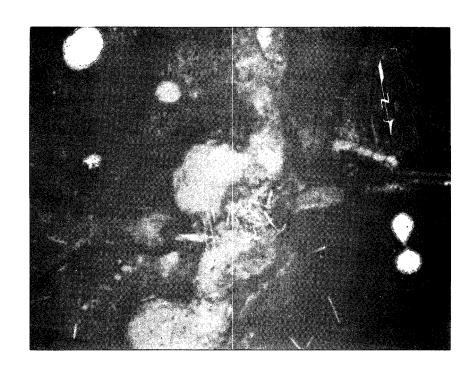
#### STATUS:

Completely destroyed.

#### COMPENSATIVE ACTION:

None

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## Approved For Release 2002/08/12: CIA-RDP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION			<del></del> -
N AME	COUNTRY	COORDINATES	
Mahaxay Hwy. Bridge		17 25N - 105 11E	
Bridge No. 28L on NE 48-11	Laos	WE 203262	
		BRIEF NO:	 
		PIB 75167	25X
MAP JOG (A) 1501 NE 48-1	L	September 1966	
LOCATION: O o nm NW of Mahavay or	Route 121		

nm NW of Mahaxay on Route 121.

#### DESCRIPTION:

LENGTH	40' approx.
WIDTH	
TYPE	
	Deck

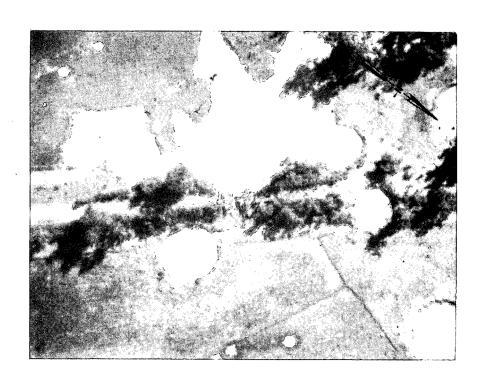
MATERIAL Timber NO. OF SPANS 4 probable LENGTH OF EACH SPAN

25X1

25X1

status: 4 spans destroyed.

COMPENSATIVE ACTION:



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CIA IMAGERY ANALYSIS DIVISION			
NAME	COUNTRY	COORDINATES	-
Ban Phon Khene Hwy. Bridge	]	17 3LN - 105 09E	
Bridge No. 25L on NE 48-11	Laos	WE 165381	
		BRIEF NO:	-
		PIB 75168	25X
MAP JOG (A) 1501 NE 48-	11	September 1966	

LOCATION:

0.5 nm SW of Ban Phon Khene on Route 12.

#### DESCRIPTION:

LENGTH WIDTH Type 60' approx.

Deck

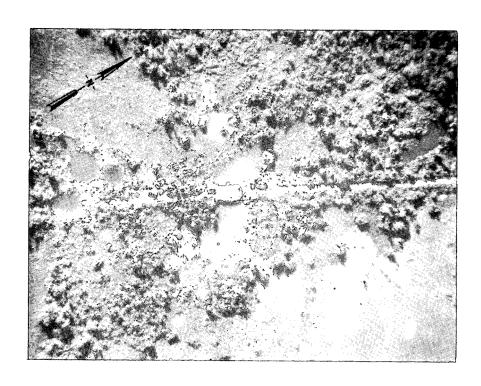
MATERIAL Concrete
NO. OF SPANS 3
LENGTH OF EACH SPAN 201 approx.

25X1

#### STATUS:

l abutment destroyed; l span severely damaged.

#### COMPENSATIVE ACTION:



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CIA IMA	AGERY ANALYSIS DIVISI	ON	<u></u>
N AME	COUNTRY	COORDINATES	_
Ban Na Ka Yak Hwy. Bridge		17 28N - 105 10E	
Bridge No. 27L on NE 48-11	Laos	WE 177328	
	•	BRIEF NO:	
		PIB 75169	25X
MAP JOG (A) 1501 NE 48-1	1	September 1966	23/

LOCATION: 2 nm NE of Ban Na Ka Yak on Route 12.

DESCRIPTION:

LENGTH WIDTH TYPE Through-truss

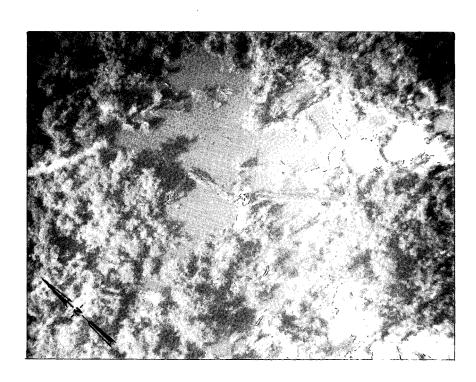
material Steel

LENGTH OF EACH SPAN 2 @ 25' approx. 2 @ 125' approx.

25X1

One 25' span destroyed and one 125' span destroyed; one 125' span dropped.

#### COMPENSATIVE ACTION:



## Approved For Release 2002/08/12:-CIA-RDP78T05161A001600050001-7

CIA I	MAGERY ANALYSIS DIVISION	· · · · · · · · · · · · · · · · · · ·	
NAME	COUNTRY	COORDINATES	
Gia Ha Hwy. Bridge	İ	19 41N - 105 46E	
Bridge No. 36 on NE 48-3	North Vietnam	WG 820762	
	•	BRIEF NO:	
		PIB 75171	25X′
MAP AMS L509 NE 48-3		September 1966	

LOCATION: 0.7 nm E of Gia Ha on an unnumbered route.

#### DESCRIPTION:

width 60' approx.
10' approx.

TYPE Deck

MATERIAL WOOD NO. OF SPANS 2

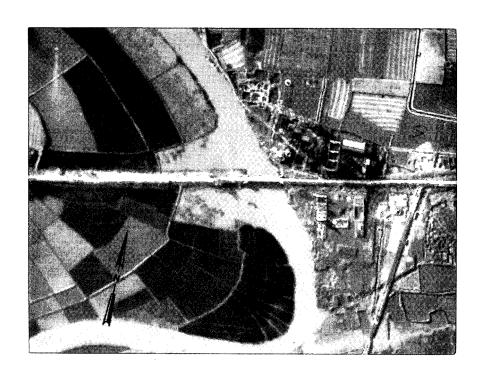
LENGTH OF EACH SPAN 30' approx.

#### STATUS:

Repaired and serviceable.

#### COMPENSATIVE ACTION:

AM



### Approved For Release 200**20N F2D ENTRAP**78T05161A001600050001-7

	AGERY ANALYSIS DIVISION		<del></del>
N AME	COUNTRY	COORDINATES	
Ban Pa Ang Hwy. Bridge		21 34N - 103 16E	
Bridge No. 16 on NF 48-9	North Vietnam	UJ 205855	
	-	BRIEF NO:	_
		PIB 75172	25X
MAP AMS L509 NF 48-9		September 1966	
LOCATION: 0.2 nm SE of Ban Pa Ang	g on Route 19.	<u> </u>	
	·	•	
DESCRIPTION:			
LENGTH 70' approx.	material Steel an	d concrete	
WIDTH	no. of spans $\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \$		
Half-through truss	LENGTH OF EACH SPAN	70' approx.	25X
_			
STATUS:			
Span is destroyed; 1 abutme	ent heavily damaged; br	idge has been replaced	
by a 70' approx. single-spa	an cable bridge utilizi	ng 6 cables and removable	е
decking.	_		
COMPENSATIVE ACTION:			
Ford			
			25X



## Approved For Release 200308413 - CIAIRDP78T05161A001600050001-7

CIA IMAG	ERY ANALYSIS DIVISION		_
NAME Loc Dien Hwy. Bridge over	COUNTRY	COORDINATES	
stream		17 48N - 106 23E	25
Bridge No. 12 on NE 48-11	North Vietnam	XE 471639	
		BRIEF NO:	_
		PIB 75173	25
MAP AMS L509 NE 48-11		September 1966	

LOCATION: At Loc Dien on Route 110.

#### DESCRIPTION:

45' approx.
10' approx. LENGTH WIDTH TYPE Deck

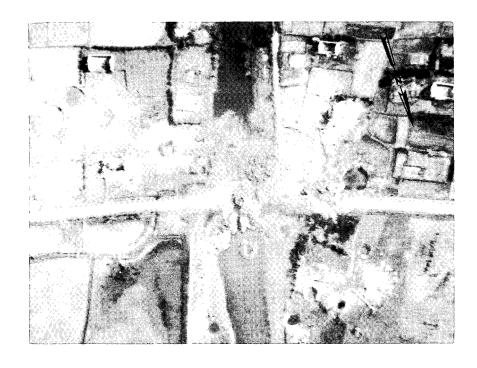
MATERIAL Timber NO. OF SPANS 3
LENGTH OF EACH SPAN 15' approx.

#### STATUS:

Bridge and abutments destroyed.

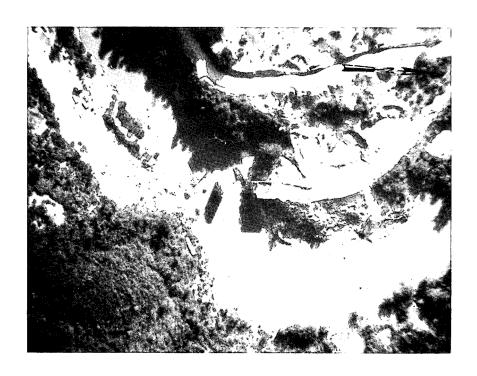
#### COMPENSATIVE ACTION:

None



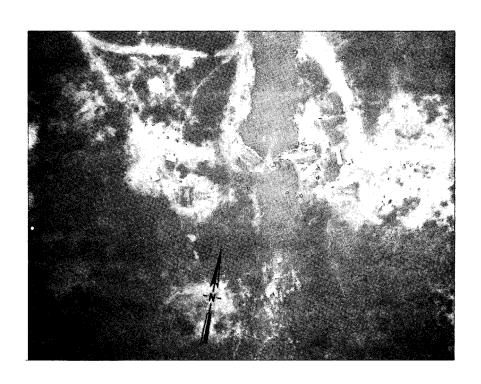
## Approved For Release 2002/08/17 DENTRAP78T05161A001600050001-7

NAME Ban Poun Lo Hwy. Bridge	IMAGERY ANALYSIS DIVISION	COORDINATES	<del></del> -
over stream  Bridge No. 13 on NF 49-8	North Vietnam	21 32N - 103 19E UJ 265825	25X
MAP AMS L509 NF 48-9		BRIEF NO: PIB 75174 September 1966	_ _ 25X _
O.) IIII E OI Ball IOIII	Lo on Route 19.		
DESCRIPTION:			
width TYPE Deck	material Steel, co no. of spans 2 length of each span	45' approx.	25X
Two spans of original brithe abutments and the pic	idge destroyed; replaced er of the original bridge	by a 90' cable bridge ut: e, 6 cables and removable	ilizin decki
COMPENSATIVE ACTION:			
Ford			



## Approved For Release 20(20)8/11/2012/187P78T05161A001600050001-7

CIA IMAGEF	RY ANALYSIS DIVISION		_
over Nam Phon Bridge No. 14 on NF 48-9	COUNTRY  North Vietnam	COORDINATES 21 27N - 103 04E TJ 005752	_ 25X <sup>-</sup>
MAP AMS 1509 NF 48-9		BRIEF NO: PIB 75175 September 1966	- 25X <sup>-</sup> -
DESCRIPTION:  LENGTH WIDTH TYPE  Deck	MATERIAL Concrete No. of spans 2 probable LENGTH OF EACH SPAN	ę	25X <sup>2</sup>
Both spans destroyed. Bridge single-span cable bridge, cur compensative action:	<del>_</del>	·	
Ford			
			25X <sup>2</sup>



### Approved For Release 20020011 PENA PAP 78T05161A001600050001-7

CIA II	MAGERY ANALYSIS DIVISION		
NAME Yen My RR. and Hwy. Bridge over stream	COUNTRY	COORDINATES   18 38N - 105 37E	-
Bridge No. 15 on NE 48-7	North Vietnam	WF 692608	25X1
		BRIEF NO: PIB 75176	— 25X1
MAP AMS JOG (A) 1501 NE	48-7	September 1966	
LOCATION: 0.5 nm N of Do Yen on	Vinh-Dong Hoi Rail Line.	**************************************	

#### DESCRIPTION:

width 60' approx.
10' approx.
Deck

MATERIAL Concrete and steel No. of spans 3 LENGTH OF EACH SPAN 201 approx.

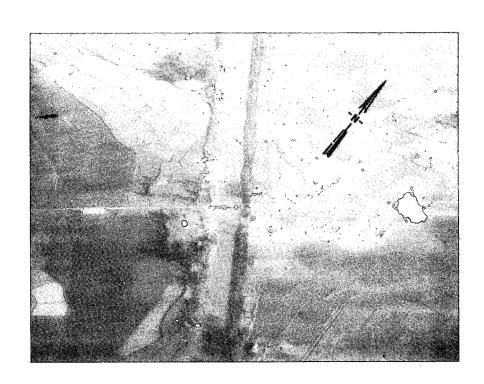
#### STATUS:

Repaired and serviceable.

#### COMPENSATIVE ACTION:

NA

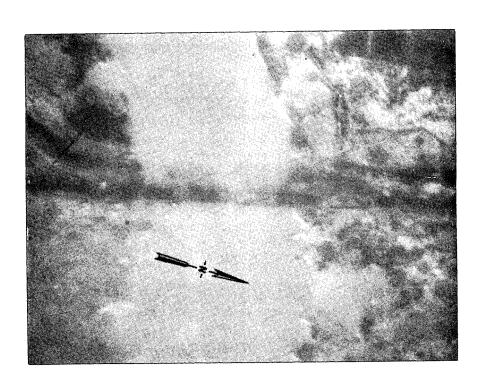




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# Approved For Release 20 (20) 110 P78T05161A001600050001-7

		<b>1</b> 5	
CIA IMAGER	RY ANALYSIS DIVISION		
over Song Cua Lo Bridge No. 18 on NE 48-7	COUNTRY  North Vietnam	COORDINATES  18 50N - 105 39E  WF 689840	ILLEGIE
MAP AMS L509 NE 48-7 LOCATION: 2.3 nm NE of Tam Da on the	Honoi / Vinh Poil Line	BRIEF NO: PIB 75177 September 1966	
	namor/ vim nair bine.		25X1
DESCRIPTION:  LENGTH WIDTH TYPE  Combination deck-beam/ half-through truss  status:  1 span dropped; 1 span and 1 p:	NO. OF SPANS 8 LENGTH OF EACH SPAN 45	crete, and steel	25X1
COMPENSATIVE ACTION:  By-pass west of bridge U/C.			25X1



## Approved For Release 2002/08/17 ENTRAP78T05161A001600050001-7

CIA IMA	GERY ANALYSIS DIVISION		
Dia Thuy Hwy. Bridge Bridge No. 50 on NE 48-3	COUNTRY  North Vietnam	COORDINATES  19 24N - 105 45E  WG 800460	
MAP JOG (A) 1501 NE 48-3		PIB 75178 September 1966	 25X1

LOCATION: 0.8 nm E of Dia Thuy on Route 1A.

#### DESCRIPTION:

WIDTH 75' approx.
TYPE 75' approx.
Deck

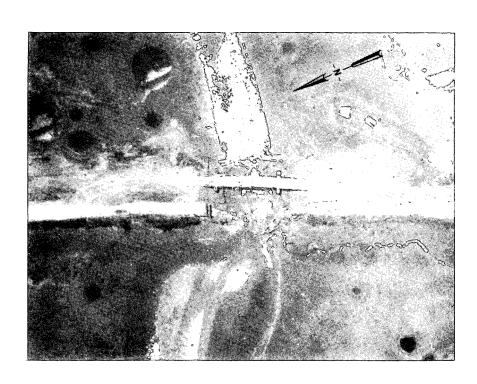
MATERIAL Timber
NO. OF SPANS 5 approx.
LENGTH OF EACH SPAN 15' approx.

#### STATUS:

All spans destroyed.

#### COMPENSATIVE ACTION:

Timber by-pass bridge.



### Approved For Release 2002/08/12 ENA RDP78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION		
NAME Dien Chau RR. Br. E over Song	COUNTRY	COORDINATES	_
Bang By-pass No. 1 Bridge No. 6 on NE 48-7	North Vietnam	18 58N - 105 35E WF 619980	25X
ANG TEOD ATT IN E	-	BRIEF NO: PIB 75179	 25X
MAP AMS L509 NE 48-7		September 1966	

LOCATION: 1.4 nm SW of Dien Chau on the Hanoi/Vinh Rail Line.

#### DESCRIPTION:

230' approx.

5' approx. (Single track)

Trestle

MATERIAL WOOD

NO. OF SPANS 20 approx.

LENGTH OF EACH SPAN 1 @ 30' approx., 1 @ 20' approx.

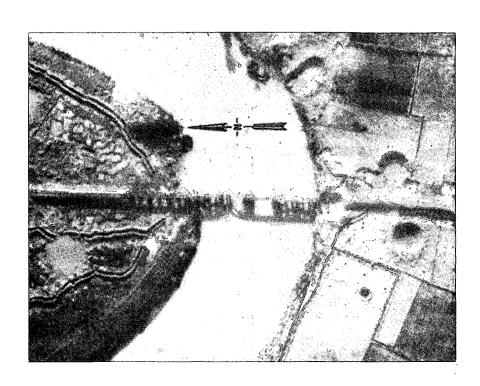
18 @ 10' approx. LENGTH TYPE

#### STATUS:

The 30' span has been dropped; five adjacent 10' spans and 5 piers have been heavily damaged; one abutment, 2 adjoining spans, and 1 pier have been destroyed.

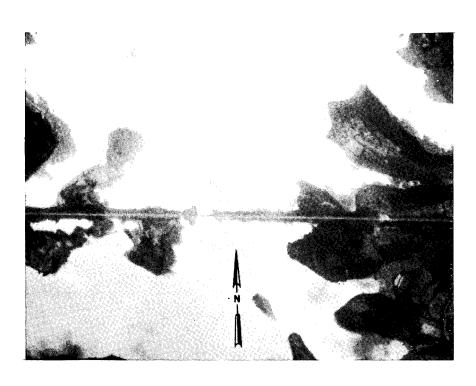
#### COMPENSATIVE ACTION:

None apparent.



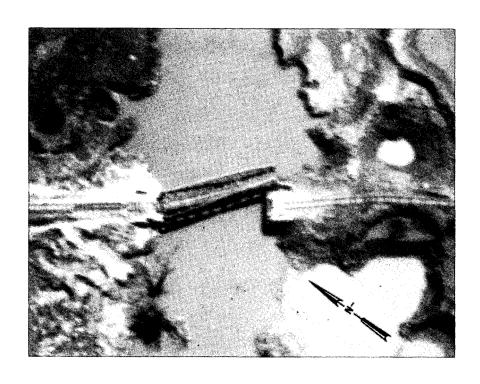
## Approved For Release 2002/08/12 ENTRAP78T05161A001600050001-7

NAME	COUNTRY	COORDINATES	—
Chien Ung RR. Bridge		21 24N - 105 10E	
Bridge No. 13 on NF 48-11	North Vietnam	WJ 183669	
MAP JOG (A) 1501 NF 48-11		PIB 75180 September 1966	2
LOCATION: 0.4 nm E of Chien Ung or	n Hanoi/Lao Cai Rail I		
DESCRIPTION:  LENGTH 90' approx.	MATERIAL Concrete		
width type  Deck  Single trace		rmined	2
STATUS: Repaired and serviceable.			
COMPENSATIVE ACTION:			
NA			
			2



### Approved For Release 2002/08/12 - CIA-RDP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION Tho Khai RR. Bridge over COUNTRY COORDINATES stream 21 28N - 105 06E 25X1 Bridge No. 9 on NF 48-11 North Vietnam WJ 108735 BRIEF NO: 25X1 PIB 75181 NF 48-11 September 1966 LOCATION: O.1 nm NE of Phuong Linh on the Hanoi/Lao Cai Rail Line. DESCRIPTION: LENGTH Steel and concrete (Single-track) NO. OF SPANS 1
LENGTH OF EACH SPAN 75' approx. WIDTH 25X1 STATUS: Span dropped. COMPENSATIVE ACTION: None 25X1



### Approved For Release 20(27)8/12) 1914-PAP78T05161A001600050001-7

#### CIA IMAGERY ANALYSIS DIVISION COUNTRY COORDINATES Tuan Giao Hwy. Bridge over 21 35N - 103 23E Nam Chua 25X1 North Vietnam UJ 335880 Bridge No. 10 on NF 48-9 BRIEF NO: 25X1 PIB 75182 September 1966 MAP AMS 1509

LOCATION: 1.2 nm NE of Muong Hua on Route 19.

#### DESCRIPTION:

WIDTH 75' approx.

WIDTH 10' approx.

TYPE Deck

MATERIAL Steel and wood NO. OF SPANS 1

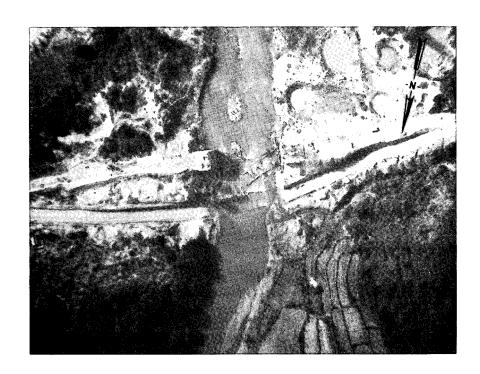
LENGTH OF EACH SPAN 75' approx.

#### STATUS:

Original bridge span destroyed, replaced by a 75' approx. single-span cable bridge utilizing 4 cables with removable decking.

#### COMPENSATIVE ACTION:

Ford



# Approved For Release 2002/08/12 : CIA-RDP78T05161A001600050001-7 CONFIDENTIAL

CIA IMAGERY ANALYSIS DIVISION		
NAME Quang Xa Hwy. Bridge N over Country	COORDINATES	-
stream Bridge No. 53 on NE 48-12 North Vietnam	17 03N - 106 58E YD 091868	25X1
MAP AMS 10G (A) 1501 NE //8 10	BRIEF NO: PIB 75183	_ 25X1
ME 40-12	September 1966	
LOCATION: 1.7 nm ENE of Ben Lang on Route 101.		

#### DESCRIPTION:

LENGTH WIDTH

MATERIAL Timber with concrete abutments NO. OF SPANS 1 LENGTH OF EACH SPAN 25 approx.

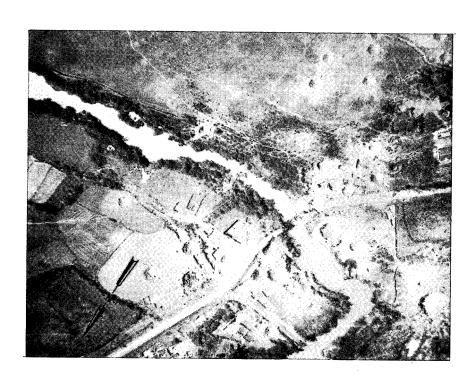
25X1

#### STATUS:

Deck completely destroyed; one abutment destroyed; one approach severely damaged.

### COMPENSATIVE ACTION:

Ford



## Approved For Release 2002/08/12 EMTRAP78T05161A001600050001-7

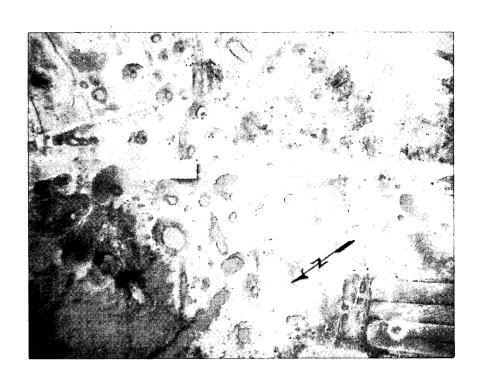
CIA IMAG	ERY ANALYSIS DIVISION		
NAME Vung Chua Hwy. Bridge over Khe Chat Bridge No. 33 on NE 48-11	North Vietnam	COORDINATES   17 55N = 106 29E   XE 561812	 25X^
MAP JOG (A) 1501 NE 48-11  LOCATION: 0.3 nm S of Vung Chua on	Route 1A.	BRIEF NO: PIB 75184 September 1966	25X <sup>2</sup> 
DESCRIPTION:  LENGTH WIDTH TYPE  Deck	MATERIAL Concrete NO. OF SPANS 2 approx LENGTH OF EACH SPAN	•	25X1 25X1

#### CT A TIIS:

One span and one abutment destroyed.

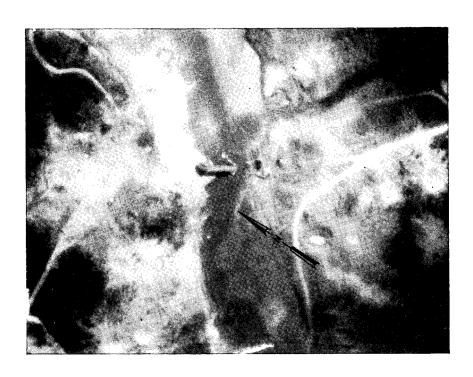
### COMPENSATIVE ACTION:

NA



## Approved For Release 200**2/08/F1D EMTRAP**78T05161A001600050001-7

CIA IMAG	ERY ANALYSIS DIVISION	
AME Xom La Trang Hwv. Bridge No. over Rao Cai Bridge No. 3 on NE 48-11	COUNTRY  North Vietnam	COORDINATES 17 57N - 105 49E WE 873856
MAP JOG (A) 1501 NE 48-11 OCATION: 0.6 nm W of Xom Ca Trang		BRIEF NO: PIB 75185 September 1966
LENGTH 350 approx. width type  Deck	material Concrete no. of spans 4 length of each span	e and steel 2 @ 90' approx. 2 @ 85' approx.
Three spans destroyed; l abut removeable decking for cable	= -	
undetermined. COMPENSATIVE ACTION:		



## Approved For Release 2002001120114 RPP78T05161A001600050001-7

CIA IMA	GERY ANALYSIS DIVISION	
Than Dau Hwy. Bridge SE over	COUNTRY	COORDINATES
Khe Luy		18 00N - 106 28E
Bridge No. 96 on NE 48-7	North Vietnam	XE 916550
		BRIEF NO:
TO 0. / A \ D. 150 T		PIB 75186
MAP JOG (A) 1501 NE 48-7  OCATION: 1 nm SE of Than Day on F		September 1966
-ocation: 1 nm SE of Than Dau on F	toute LA.	
ESCRIPTION:		
LENGTH 40' approx.	material Wood	
WIDTH TO SEPONDE	NO. OF SPANS ]	
Deck	LENGTH OF EACH SPAN	40' approx.
TATUS:		
Span damaged moderately; one	e abutment damaged; one	e approach interdicted.
OMPENSATIVE ACTION:		
Ford		
Ford		
Ford		



## Approved For Release 20020017 PATRAP78T05161A001600050001-7

CIA IMA	GERY ANALYSIS DIVISION		
NAME Kim Nac Hwy. Bridge over	COUNTRY	COORDINATES	
stream	North Vietnam	18 13N - 106 02E XF 100155	25X′
	-	BRIEF NO:	 25X <sup>-</sup>
		PIB 75187	25/
MAP AMS L509 NE 48-7		September 1966	

LOCATION: 0.3 nm NE of Kim Nac on Route LA.

DESCRIPTION:

width 10' approx.

Deck

MATERIAL Concrete

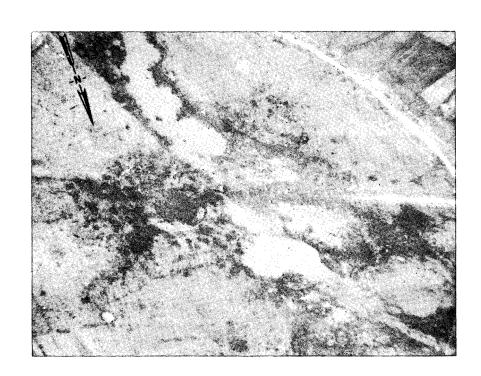
LENGTH OF EACH SPAN 45' approx.

STATUS:

Bridge destroyed.

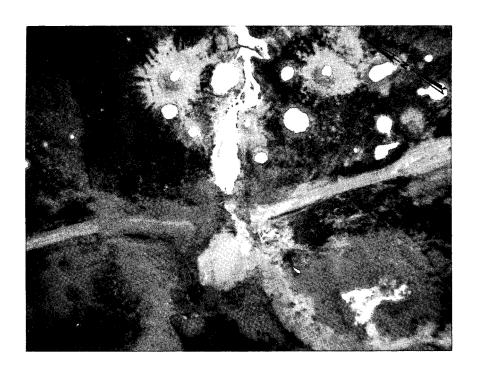
COMPENSATIVE ACTION:

By-pass bridge.



# Approved For Release 2002/09/12 DEIN-FIR78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION	
NAME Xom Duong Dau Hwy. Bridge Wover Khe Ac	COUNTRY	COORDINATES  18 08N - 105 45E
Bridge No. 68 on NE 48-7	North Vietnam	WE 782060
		BRIEF NO:
MAP AMS L509 NE 48-7		_ PIB 75188 _ September 1966
LOCATION: O.l nm W of Duong Dau on	Route 15.	,
DESCRIPTION:		
LENGTH 90' approx.	MATERIAL Wood and	concrete
width type Deck	NO. OF SPANS 3	approx.
DOCK	3	11
status: Bridge destroyed.		
Dirago doporojod.		
COMPENSATIVE ACTION:		
By-pass causeway.		
	$\neg$	



### Approved For Release 20 (2018/11/201978T05161A001600050001-7

CIA	IMAGERY ANALYSIS DIVISION		
N AMÉ	COUNTRY	COORDINATES	
Qui My RR. Bridge No. 3		19 25N - 105 45E	25X1
Bridge No. 9 on NE 48-3	North Vietnam	WG 743485	20/(1
		BRIEF NO:	
		PIB 75189	•
MAP AMS JOG (A) 1501 NE	48-3	September 1966	

LOCATION: 0.8 nm NW of Qui My on Hanoi/Vinh Rail Line.

#### DESCRIPTION:

WIDTH TYPE Half-through truss

MATERIAL Steel and concrete

NO. OF SPANS 1 (1 span with temporary reinforcing LENGTH OF EACH SPAN 60' approx. pier)

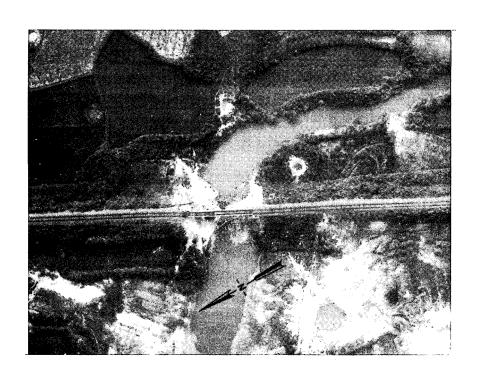
25X1

#### STATUS:

Serviceable (1 abutment previously destroyed and 1 span partially damaged).

#### COMPENSATIVE ACTION:

NA



### Approved For Release 20(20) PP ENT PD ENT POP 78T05161A001600050001-7

CIA IMAG	GERY ANALYSIS DIVISION		
NAME Than Dau Hwy. Bridge over	COUNTRY	COORDINATES	_
Khe Mieu By-pass Bridge No. 1		18 OON - 106 27E	
Bridge No. 95 on NE 48-7	North Vietnam	XE 537922	
		BRIEF NO:	<b>–</b>
		PIB 75190	25X
MAP JOG (A) 1501 NE 48-7		September 1966	
LOCATION: 0.6 nm S of Than Dau on	Route LA.		-

DESCRIPTION:

LENGTH	50 <b>¹</b>	approx.
WIDTH	广	1.1.1.
TYPE	Decl	

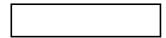
MATERIAL Timber LENGTH OF EACH SPAN NA

25X1

By-pass bridge in final stage of construction; still unserviceable.

COMPENSATIVE ACTION:

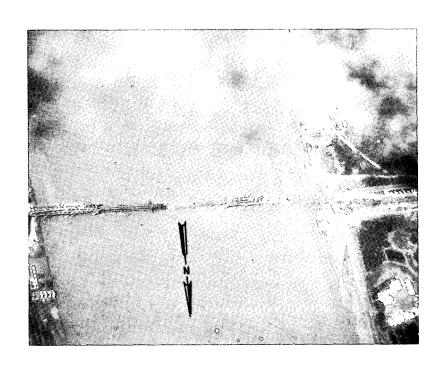
NA





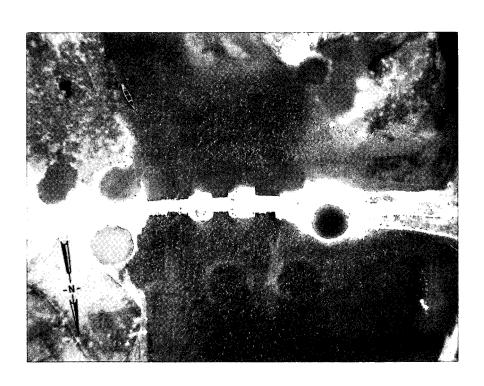
## Approved For Release 20020NF2DENTRAP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
over Thai Binh Bridge No. 8 on NF 48-15	North Vietnam	COORDINATES 20 56N - 106 21E XJ 415163	 25X1
MAP JOG (G) NF 48-15		BRIEF NO: PIB 75191 September 1966	_ _ 25X1 _
LOCATION: 1.0 nm E of Hai Duong on I	Route 5 and Hanoi/Haiph	ong Rail Line.	
1.290' approx.  WIDTH TYPE  1.290' approx.  (Single-track)  Combination through-arch truss and temporary deck-	LENGTH OF EACH SPAN 2	concrete @ 125' approx. @ 85' approx.	25X1
STATUS: Three 85' temporary deck-beam	spans dropped.		
COMPENSATIVE ACTION:			
A by-pass bridge is under cons	struction approx. 750 y	ards north.	
			25X1



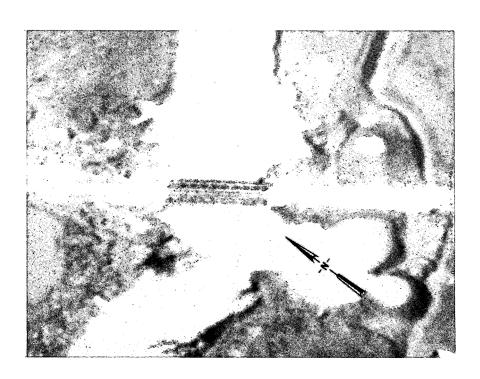
# Approved For Release 2002/08/17 DENTROP78T05161A001600050001-7

CIA IMAGERY ANALYSIS DIVISION	
NAME Ba Don Hwy. Br. and Causeway No. 2 over stream Bridge No. 32 on NE 48-11 North Vietnam	17 45N - 106 24E 25 XE 505632
MAP JOG (A) 1501 NE 48-11  LOCATION: 0.5 nm W of Ba Don on an unnumbered route.	### BRIEF NO: 252  PIB 75192  September 1966
DESCRIPTION:  LENGTH WIDTH TYPE  Deck-type bridge/lock  STATUS:  Repaired and serviceable.	25) 25)
COMPENSATIVE ACTION:  The 3 bridge/lock sections that were bombed out have	been filled with aggregate
	25



## Approved For Release 200**2/04/13 DEM TRAP** 78T05161A001600050001-7

CIA IMAGER	RY ANALYSIS DIVISION	<del></del>	
stream Bridge No. 9 on NF 48-11	COUNTRY  North Vietnam	COORDINATES 21 28N - 105 06E WJ 108735	_ 25X1
MAP JOG (A) 1501 NF 48-11 LOCATION: 1.0 nm SE of Tho Khoi on t	he Hanoi/Lao Cai Rail :	BRIEF NO: PIB 75193 September 1966 Line.	25X1 
DESCRIPTION:  LENGTH 75' approx.  WIDTH TYPE Through-truss  STATUS:	MATERIAL Steel and on No. of Spans 1 LENGTH OF EACH SPAN 75	concrete 'approx.	25X1
Repaired and serviceable.  COMPENSATIVE ACTION:  NA	·		25 <b>Y</b> 1
			25X1



## Approved For Release 2002 6817 DENTRAP78T05161A001600050001-7

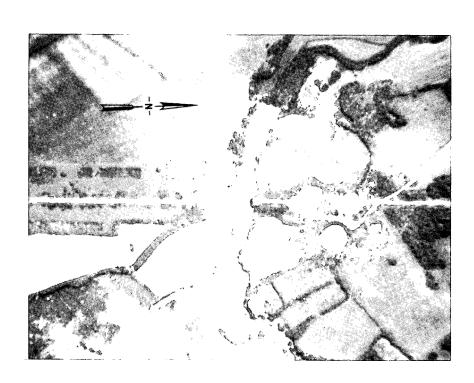
	RY ANALYSIS DIVISION		
NAME Xom Ngoai RR. Bridge over	COUNTRY	COORDINATES	_
unknown barrier		17 33N - 106 32E	25X1
Bridge No. 55 on NE 48-12	North Vietnam	<u>↓</u> xe 630426	
		BRIEF NO:	25X1
		PIB 75194	23/(1
MAP JOG (A) 1501 NE 48-12		T September 1966	
LOCATION: 0.3 nm SE of Xom Ngoai on	the Vinh/Dong Hoi RR. (	Abandoned).	<del></del>
DESCRIPTION:			
WIDTH 201 approx. TYPE Deck	material Concrete no. of spans 1 LENGTH OF EACH SPAN 20	approx.	25X1

#### STATUS:

1 span completely destroyed; 1 abutment destroyed.

### COMPENSATIVE ACTION:

None



### 

CIA IMAGEI	RY ANALYSIS DIVISION		<del></del>
NAME Tam Xuan Thuong Hwy. Bridge over Song Giang Bridge No. 93 on NE 48-7	COUNTRY  North Vietnam	COORDINATES   18 37N - 105 43E   WF 734550	 25X1
MAP JOG (A) 1501 NE 48-7 LOCATION: 1.0 nm S of Tam Xuan Thuon	g on Route 1A.	BRIEF NO: PIB 75195 September 1966	25X1 _
DESCRIPTION:  LENGTH WIDTH TYPE  Deck	material Wood  No. of spans 4 probabl  LENGTH OF EACH SPAN	Le	25X1
STATUS: Bridge is almost completely rep	paired; decking partial	Lly laid.	25X1
COMPENSATIVE ACTION: Ford			
			25X1



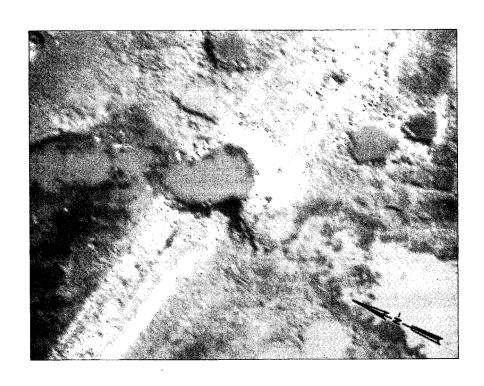
### Approved For Release 20 (2014) F12 ENT F20 P78T05161A001600050001-7

NAME Loc Dai Hwy. Bridge SE over stream 27 28N - 106 35E  Bridge No. 54 on NE 48-12 North Vietnam XE 712333  BRIEF NO: PIB 75196  MAP JOG (A) 1501 NE 48-12 September 1966  LOCATION: 0.9 nm NW of Dong Hoi on Route 1A.  DESCRIPTION:  LENGTH WIDTH NO. OF SPANS 1 probable LENGTH OF EACH SPAN	CIA IMAGER	RY ANALYSIS DIVISION	
BRIEF NO: PIB 75196 September 1966 LOCATION: 0.9 nm NW of Dong Hoi on Route 1A.  DESCRIPTION: LENGTH WIDTH NO. OF SPANS 1 probable	stream		17 28N - 106 35E
DESCRIPTION:  LENGTH  WIDTH  NO. OF SPANS 1 probable			PIB 75196
	DESCRIPTION:  LENGTH  WIDTH	material Concrete no. of spans 1 pro	-

COMPENSATIVE ACTION:

Span destroyed; 1 abutment destroyed.

None



### Approved For Release 20**(2008/#2) ENT-ROP**78T05161A001600050001-7

NAME Kieu Moc Phuong Hwy. Bridge W   country	00000004550	
over stream  Bridge No. 25 on NE 48-11  North Vietnam	17 51N - 106 03E XE 128743	25
MAP AMS L509 NE 48-7	PIB 75197 October 1966	 25

#### DESCRIPTION:

LENGTH 110' approx.

WIDTH 20' approx.

TYPE Deck Concrete

NO. OF SPANS 3
LENGTH OF EACH SPAN 2 @ 25' approx. Deck

1 @ 60' approx.

#### STATUS:

North approach and span repaired; south approach and span severely damaged. Bridge probably being rebuilt for rail service.

### COMPENSATIVE ACTION:

None



## Approved For Release 2002/08/12 ENTRAP78T05161A001600050001-7

CIA IMAGE	RY ANALYSIS DIVISION		
NAME Bac Giang RR. & Hwy. Bridge	COUNTRY	COORDINATES	•
over Song Thuong		21 16N - 106 11E	OE)
Bridge No. 7 on NF 48-11	North Vietnam	XJ 234527	25)
	•	BRIEF NO:	^_`
		PIB 75198	25)
MAP JOG (A) 1501 NF 48-11		September 1966	_
LOCATION: At the E end of Bac Giang	on the Hanoi/Dong Dang	Rail Line and Route 18	3.

### DESCRIPTION:

LENGTH WIDTH TYPE

STATUS:

460' approx.

Single track - 25' approx.

LENGTH OF FA

MATERIAL Concrete and steel

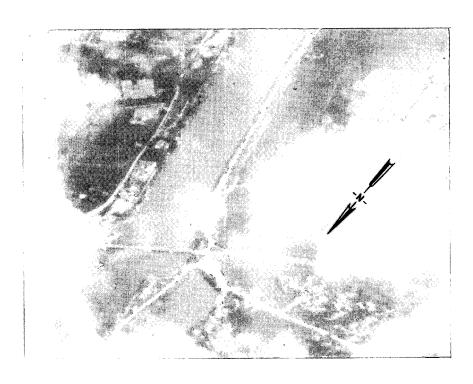
LENGTH OF EACH SPAN 115' approx.

Deck

Replacement bridge for original destroyed bridge; now serviceable.

### COMPENSATIVE ACTION:

By-pass bridge U/C.



### Approved For Release 20**(20)4FID:ENT-FAD**P78T05161A001600050001-7

CIA IMAG	ERY ANALYSIS DIVISION		
NAME Tam Xuan Hwv. Bridge over	COUNTRY	COORDINATES	— 25
Song Giang Bridge No. 98 on NE 48-7	North Vietnam	18 37N - 105 42E WF 749588	25
bridge No. 90 on NE 40-1	NOT OIL VIE GLAIN	BRIEF NO:	<del></del> 25
		PIB 75199	
MAP JOG (A) 1501 NE 48-7		October 1966	
LOCATION: 1.1 nm S of Thuong Thon	on Route 1A.		
DESCRIPTION:		•	
LENGTH	MATERIAL Wood and	concrete	25
WIDTH	NO. OF SPANS 6		20
Deck	LENGTH OF EACH SPAN		25
pecv	· L		
STATUS:			
Bridge repaired with the exce	eption of the decking o	on 1 span.	
COMPENSATIVE ACTION:			
NA			
			25

